

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-115592-1

Client Project/Site: Gold King Mine - Region 8

For:

Weston Solutions, Inc.

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Suite 100

Lakewood, Colorado 80215

Attn: Moira Pryhoda



Authorized for release by:

8/14/2015 1:59:41 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
2340B-2011	Total Hardness (as CaCO ₃) by calculation	SM	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
2320B-2011	Alkalinity, Total	SM	TAL SAV
4500 H+ B-2011	pH	SM	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-115592-1	GKMTW103_081215	Water	08/12/15 09:40	08/13/15 09:23
680-115592-2	GKMTW108_081215	Water	08/12/15 10:10	08/13/15 09:23
680-115592-3	GKMTW109_081215	Water	08/12/15 10:45	08/13/15 09:23
680-115592-4	GKMTW110_081215	Water	08/12/15 11:40	08/13/15 09:23
680-115592-5	GKMTW50_081215	Water	08/12/15 10:00	08/13/15 09:23
680-115592-6	GKMTW51_081215	Water	08/12/15 10:30	08/13/15 09:23
680-115592-7	GKMTW52_081215	Water	08/12/15 11:10	08/13/15 09:23
680-115592-8	GKMTW53_081215	Water	08/12/15 12:20	08/13/15 09:23
680-115592-9	GKMTW54_081215	Water	08/12/15 13:25	08/13/15 09:23
680-115592-10	GKMTW55_081215	Water	08/12/15 13:55	08/13/15 09:23
680-115592-11	GKMTW111_081515	Water	08/12/15 12:15	08/13/15 09:23
680-115592-12	A68_081115	Water	08/11/15 17:10	08/13/15 09:23
680-115592-13	A72_081115	Water	08/11/15 17:35	08/13/15 09:23
680-115592-14	CC48_081115	Water	08/11/15 16:55	08/13/15 09:23
680-115592-15	GKMSW01_081115	Water	08/11/15 16:46	08/13/15 09:23
680-115592-16	GKMSW02_081115	Water	08/11/15 14:32	08/13/15 09:23
680-115592-17	GKMSW04_081115	Water	08/11/15 15:25	08/13/15 09:23
680-115592-18	GKMSW05_081115	Water	08/11/15 16:07	08/13/15 09:23
680-115592-19	GKMSW13_081115	Water	08/11/15 16:20	08/13/15 09:23
680-115592-20	GKMTW104_081115	Water	08/11/15 15:40	08/13/15 09:23
680-115592-21	GKMTW105_081115	Water	08/11/15 16:10	08/13/15 09:23
680-115592-22	GKMTW106_081115	Water	08/11/15 16:25	08/13/15 09:23
680-115592-23	GKMTW107_081115	Water	08/11/15 17:20	08/13/15 09:23
680-115592-24	GKMTW200_081115	Water	08/11/15 15:07	08/13/15 09:23
680-115592-25	GKMTW201_081115	Water	08/11/15 15:44	08/13/15 09:23
680-115592-26	GKMTW202_081115	Water	08/11/15 16:15	08/13/15 09:23
680-115592-27	GKMTW203_081115	Water	08/11/15 16:58	08/13/15 09:23
680-115592-28	GKMTW46_081115	Water	08/11/15 14:00	08/13/15 09:23
680-115592-29	GKMTW47_081115	Water	08/11/15 16:00	08/13/15 09:23
680-115592-30	GKMTW48_081115	Water	08/11/15 22:00	08/13/15 09:23
680-115592-31	GKMTW49_081115	Water	08/11/15 02:00	08/13/15 09:23
680-115592-32	GKMSW01_081215	Water	08/12/15 12:25	08/13/15 09:23
680-115592-33	GKMSW02_081215	Water	08/12/15 10:50	08/13/15 09:23
680-115592-34	GKMSW05_081215	Water	08/12/15 12:00	08/13/15 09:23
680-115592-35	GKMSW04_081215	Water	08/12/15 11:30	08/13/15 09:23

TestAmerica Savannah

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Savannah

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Job ID: 680-115592-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8

Report Number: 680-115592-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/13/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.8° C and 5.8° C.

DISSOLVED METALS (ICP)

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/13/2015 and analyzed on 08/13/2015 and 08/14/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples GKMTW103_081215 (680-115592-1), GKMTW108_081215 (680-115592-2), GKMTW109_081215 (680-115592-3), GKMTW110_081215 (680-115592-4), GKMTW50_081215 (680-115592-5), GKMTW51_081215 (680-115592-6), GKMTW52_081215 (680-115592-7), GKMTW53_081215 (680-115592-8), GKMTW54_081215 (680-115592-9), GKMTW55_081215 (680-115592-10), GKMTW111_081515 (680-115592-11), A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMTW104_081115 (680-115592-20), GKMTW105_081115 (680-115592-21), GKMTW106_081115 (680-115592-22), GKMTW107_081115 (680-115592-23), GKMTW200_081115 (680-115592-24), GKMTW201_081115 (680-115592-25), GKMTW202_081115 (680-115592-26), GKMTW203_081115 (680-115592-27), GKMTW46_081115 (680-115592-28), GKMTW47_081115 (680-115592-29), GKMTW48_081115 (680-115592-30), GKMTW49_081115 (680-115592-31), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/13/2015 and analyzed on 08/13/2015 and 08/14/2015.

Calcium, Magnesium and Sodium failed the recovery criteria low for the MS of sample GKMTW103_081215MS (680-115592-1) in batch 680-396143.

Calcium, Magnesium and Sodium failed the recovery criteria low for the MSD of sample GKMTW103_081215MSD (680-115592-1) in batch 680-396143.

Calcium, Magnesium and Sodium failed the recovery criteria low for the MS of sample GKMTW201_081115MS (680-115592-25) in batch 680-396143.

TestAmerica Savannah

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Job ID: 680-115592-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Calcium, Magnesium and Sodium failed the recovery criteria low for the MSD of sample GKMTW201_081115MSD (680-115592-25) in batch 680-396143.

Sodium and Sodium, Dissolved failed the recovery criteria high for the MS of sample GKMTW202_081115MS (680-115592-26) in batch 680-396143.

Sodium and Sodium, Dissolved failed the recovery criteria high for the MSD of sample GKMTW202_081115MSD (680-115592-26) in batch 680-396143.

Sodium and Sodium, Dissolved failed the recovery criteria low for the MS of sample GKMTW108_081215MS (680-115592-2) in batch 680-396143.

Sodium and Sodium, Dissolved failed the recovery criteria low for the MSD of sample GKMTW108_081215MSD (680-115592-2) in batch 680-396143.

Several analytes failed the recovery criteria high for the MS of sample 680-115596-26 in batch 680-396143.

Calcium and Calcium, Dissolved failed the recovery criteria high for the MSD of sample 680-115596-26 in batch 680-396143.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/13/2015 and analyzed on 08/13/2015 and 08/14/2015.

Selenium, Dissolved exceeded the RPD limit for the duplicate of sample GKMSW01_081115DU (680-115592-15).

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples GKMTW103_081215 (680-115592-1), GKMTW108_081215 (680-115592-2), GKMTW109_081215 (680-115592-3), GKMTW110_081215 (680-115592-4), GKMTW50_081215 (680-115592-5), GKMTW51_081215 (680-115592-6), GKMTW52_081215 (680-115592-7), GKMTW53_081215 (680-115592-8), GKMTW54_081215 (680-115592-9), GKMTW55_081215 (680-115592-10), GKMTW111_081515 (680-115592-11), A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMTW104_081115 (680-115592-20), GKMTW105_081115 (680-115592-21), GKMTW106_081115 (680-115592-22), GKMTW107_081115 (680-115592-23), GKMTW200_081115 (680-115592-24), GKMTW201_081115 (680-115592-25), GKMTW202_081115 (680-115592-26), GKMTW203_081115 (680-115592-27), GKMTW46_081115 (680-115592-28), GKMTW47_081115 (680-115592-29), GKMTW48_081115 (680-115592-30), GKMTW49_081115 (680-115592-31), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/13/2015 and analyzed on 08/13/2015 and 08/14/2015.

Selenium and Selenium, Dissolved were detected in method blank MB 680-396046/1-A at levels that were above the method detection

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

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Laboratory: TestAmerica Savannah (Continued)

limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Selenium, Dissolved was detected in method blank MB 680-396069/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Selenium and Selenium, Dissolved exceeded the RPD limit for the duplicate of sample 680-115596-26.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared on 08/13/2015 and analyzed on 08/14/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples GKMTW103_081215 (680-115592-1), GKMTW108_081215 (680-115592-2), GKMTW109_081215 (680-115592-3), GKMTW110_081215 (680-115592-4), GKMTW50_081215 (680-115592-5), GKMTW51_081215 (680-115592-6), GKMTW52_081215 (680-115592-7), GKMTW53_081215 (680-115592-8), GKMTW54_081215 (680-115592-9), GKMTW55_081215 (680-115592-10), GKMTW111_081515 (680-115592-11), A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMTW104_081115 (680-115592-20), GKMTW105_081115 (680-115592-21), GKMTW106_081115 (680-115592-22), GKMTW107_081115 (680-115592-23), GKMTW200_081115 (680-115592-24), GKMTW201_081115 (680-115592-25), GKMTW202_081115 (680-115592-26), GKMTW203_081115 (680-115592-27), GKMTW46_081115 (680-115592-28), GKMTW47_081115 (680-115592-29), GKMTW48_081115 (680-115592-30), GKMTW49_081115 (680-115592-31), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared on 08/13/2015 and analyzed on 08/14/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ALKALINITY

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 08/13/2015 and 08/14/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (28 DAY)

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for Anions by Ion Chromatography (28 Day) in accordance with EPA Method 300.0. The samples were analyzed on 08/13/2015 and 08/14/2015.

Sulfate failed the recovery criteria low for the MSD of sample GKMSW13_081115MSD (680-115592-19) in batch 680-396020.

TestAmerica Savannah

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Job ID: 680-115592-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

The native sample, sample duplicate (DUP), matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-396121 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of sulfate in the native sample, DUP, and MS/MSD was above the instrument calibration range. The data have been reported and qualified.

The native sample, sample duplicate (DU), and matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-396020 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of sulfate in the native sample, DUP, and MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Refer to the QC report for details.

Samples A68_081115 (680-115592-12)[4X], A72_081115 (680-115592-13)[4X], CC48_081115 (680-115592-14)[25X], GKMSW01_081115 (680-115592-15)[4X], GKMSW02_081115 (680-115592-16)[4X], GKMSW04_081115 (680-115592-17)[4X], GKMSW05_081115 (680-115592-18)[4X], GKMSW13_081115 (680-115592-19)[50X], GKMSW01_081215 (680-115592-32)[4X], GKMSW02_081215 (680-115592-33)[4X], GKMSW05_081215 (680-115592-34)[4X] and GKMSW04_081215 (680-115592-35)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (48 HOUR)

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for Anions by Ion Chromatography (48 Hour) in accordance with EPA Method 300.0. The samples were analyzed on 08/13/2015.

Due to catastrophic instrument failure the reanalysis of the following samples was performed outside of the analytical holding time: A68_081115 (680-115592-12) and GKMSW02_081115 (680-115592-16). The laboratory had little holding time remaining on the samples to analyze within holding time once the instrument was successfully running.

Sample GKMSW13_081115 (680-115592-19)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL HARDNESS (AS CaCO3) BY CALCULATION

Samples GKMTW103_081215 (680-115592-1), GKMTW108_081215 (680-115592-2), GKMTW109_081215 (680-115592-3), GKMTW110_081215 (680-115592-4), GKMTW50_081215 (680-115592-5), GKMTW51_081215 (680-115592-6), GKMTW52_081215 (680-115592-7), GKMTW53_081215 (680-115592-8), GKMTW54_081215 (680-115592-9), GKMTW55_081215 (680-115592-10), GKMTW111_081515 (680-115592-11), A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMTW104_081115 (680-115592-20), GKMTW105_081115 (680-115592-21), GKMTW106_081115 (680-115592-22), GKMTW107_081115 (680-115592-23), GKMTW200_081115 (680-115592-24), GKMTW201_081115 (680-115592-25), GKMTW202_081115 (680-115592-26), GKMTW203_081115 (680-115592-27), GKMTW46_081115 (680-115592-28), GKMTW47_081115 (680-115592-29), GKMTW48_081115 (680-115592-30), GKMTW49_081115 (680-115592-31), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215 (680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for total hardness (as CaCO3) by calculation in accordance with SM 2340B. The samples were analyzed on 08/14/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

CORROSIVITY (PH)

Samples A68_081115 (680-115592-12), A72_081115 (680-115592-13), CC48_081115 (680-115592-14), GKMSW01_081115 (680-115592-15), GKMSW02_081115 (680-115592-16), GKMSW04_081115 (680-115592-17), GKMSW05_081115 (680-115592-18), GKMSW13_081115 (680-115592-19), GKMSW01_081215 (680-115592-32), GKMSW02_081215 (680-115592-33), GKMSW05_081215

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Job ID: 680-115592-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-115592-34) and GKMSW04_081215 (680-115592-35) were analyzed for corrosivity (pH) in accordance with SM 4500 H+ B. The samples were analyzed on 08/13/2015.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. This sample(s) was performed in the laboratory outside the 15 minute timeframe.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW103_081215

Lab Sample ID: 680-115592-1

Date Collected: 08/12/15 09:40

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 01:35	1
Calcium	58000		500	25	ug/L		08/13/15 14:48	08/14/15 01:35	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 01:35	1
Magnesium	9900		500	33	ug/L		08/13/15 14:48	08/14/15 01:35	1
Potassium	1100		1000	17	ug/L		08/13/15 14:48	08/14/15 01:35	1
Sodium	120000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 01:35	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:27	1
Arsenic	1.7		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 21:27	1
Barium	97		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 21:27	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 21:27	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 21:27	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 21:27	1
Cobalt	0.15	J	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 21:27	1
Copper	5.1		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 21:27	1
Lead	0.44		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 21:27	1
Manganese	3.0		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 21:27	1
Nickel	0.74	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:27	1
Selenium	2.3		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 21:27	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 21:27	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 21:27	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 21:27	1
Zinc	10	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 21:27	1
Molybdenum	5.1		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 21:27	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:43	1

Client Sample ID: GKMTW108_081215

Lab Sample ID: 680-115592-2

Date Collected: 08/12/15 10:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 01:47	1
Calcium	5100		500	25	ug/L		08/13/15 14:48	08/14/15 01:47	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 01:47	1
Magnesium	62	J	500	33	ug/L		08/13/15 14:48	08/14/15 01:47	1
Potassium	370	J	1000	17	ug/L		08/13/15 14:48	08/14/15 01:47	1
Sodium	190000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 01:47	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW108_081215

Lab Sample ID: 680-115592-2

Date Collected: 08/12/15 10:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:47	1
Arsenic	6.1		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 21:47	1
Barium	45		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 21:47	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 21:47	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 21:47	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 21:47	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 21:47	1
Copper	3.9		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 21:47	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 21:47	1
Manganese	4.5		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 21:47	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:47	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 21:47	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 21:47	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 21:47	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 21:47	1
Zinc	7.3	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 21:47	1
Molybdenum	16		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 21:47	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	13		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:52	1

Client Sample ID: GKMTW109_081215

Lab Sample ID: 680-115592-3

Date Collected: 08/12/15 10:45

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:14	1
Calcium	56000		500	25	ug/L		08/13/15 14:48	08/14/15 02:14	1
Iron	2200		50	17	ug/L		08/13/15 14:48	08/14/15 02:14	1
Magnesium	10000		500	33	ug/L		08/13/15 14:48	08/14/15 02:14	1
Potassium	3700		1000	17	ug/L		08/13/15 14:48	08/14/15 02:14	1
Sodium	110000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:14	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:07	1
Arsenic	0.58	J	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:07	1
Barium	67		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:07	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:07	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:07	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:07	1
Cobalt	0.16	J	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:07	1
Copper	160		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:07	1
Lead	8.4		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:07	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW109_081215

Lab Sample ID: 680-115592-3

Date Collected: 08/12/15 10:45

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	45		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:07	1
Nickel	1.4		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:07	1
Selenium	1.4	J	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:07	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:07	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:07	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:07	1
Zinc	47		20	2.8	ug/L		08/13/15 14:48	08/13/15 22:07	1
Molybdenum	16		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:07	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:55	1

Client Sample ID: GKMTW110_081215

Lab Sample ID: 680-115592-4

Date Collected: 08/12/15 11:40

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:18	1
Calcium	12000		500	25	ug/L		08/13/15 14:48	08/14/15 02:18	1
Iron	56		50	17	ug/L		08/13/15 14:48	08/14/15 02:18	1
Magnesium	100	J	500	33	ug/L		08/13/15 14:48	08/14/15 02:18	1
Potassium	580	J	1000	17	ug/L		08/13/15 14:48	08/14/15 02:18	1
Sodium	370000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:18	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:11	1
Arsenic	0.37	J	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:11	1
Barium	22		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:11	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:11	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:11	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:11	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:11	1
Copper	6.0		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:11	1
Lead	0.59		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:11	1
Manganese	15		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:11	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:11	1
Selenium	3.7		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:11	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:11	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:11	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:11	1
Zinc	7.8	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:11	1
Molybdenum	120		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:11	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW110_081215

Lab Sample ID: 680-115592-4

Date Collected: 08/12/15 11:40

Matrix: Water

Date Received: 08/13/15 09:23

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	31		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:58	1

Client Sample ID: GKMTW50_081215

Lab Sample ID: 680-115592-5

Date Collected: 08/12/15 10:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:22	1
Calcium	3900		500	25	ug/L		08/13/15 14:48	08/14/15 02:22	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:22	1
Magnesium	33	J	500	33	ug/L		08/13/15 14:48	08/14/15 02:22	1
Potassium	330	J	1000	17	ug/L		08/13/15 14:48	08/14/15 02:22	1
Sodium	170000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:22	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:15	1
Arsenic	2.0		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:15	1
Barium	37		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:15	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:15	1
Cadmium	0.076	J	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:15	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:15	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:15	1
Copper	4.7		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:15	1
Lead	0.087	J	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:15	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:15	1
Nickel	0.75	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:15	1
Selenium	1.1	J	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:15	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:15	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:15	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:15	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:15	1
Molybdenum	12		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:15	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	9.9		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:01	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW51_081215

Lab Sample ID: 680-115592-6

Date Collected: 08/12/15 10:30

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	26	J	200	24	ug/L		08/13/15 14:48	08/14/15 02:26	1
Calcium	4000		500	25	ug/L		08/13/15 14:48	08/14/15 02:26	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:26	1
Magnesium	33	U	500	33	ug/L		08/13/15 14:48	08/14/15 02:26	1
Potassium	330	J	1000	17	ug/L		08/13/15 14:48	08/14/15 02:26	1
Sodium	170000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:26	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:19	1
Arsenic	0.96	J	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:19	1
Barium	36		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:19	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:19	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:19	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:19	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:19	1
Copper	7.3		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:19	1
Lead	0.086	J	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:19	1
Manganese	1.6	J	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:19	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:19	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:19	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:19	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:19	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:19	1
Zinc	5.0	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:19	1
Molybdenum	17		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:19	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	9.9		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:04	1

Client Sample ID: GKMTW52_081215

Lab Sample ID: 680-115592-7

Date Collected: 08/12/15 11:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:30	1
Calcium	78000		500	25	ug/L		08/13/15 14:48	08/14/15 02:30	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:30	1
Magnesium	43000		500	33	ug/L		08/13/15 14:48	08/14/15 02:30	1
Potassium	2100		1000	17	ug/L		08/13/15 14:48	08/14/15 02:30	1
Sodium	80000		1000	480	ug/L		08/13/15 14:48	08/14/15 02:30	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:23	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW52_081215

Lab Sample ID: 680-115592-7

Date Collected: 08/12/15 11:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:23	1
Barium	83		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:23	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:23	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:23	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:23	1
Cobalt	0.15	J	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:23	1
Copper	5.7		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:23	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:23	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:23	1
Nickel	1.1		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:23	1
Selenium	9.5		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:23	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:23	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:23	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:23	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:23	1
Molybdenum	2.0		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:23	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	370		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:07	1

Client Sample ID: GKMTW53_081215

Lab Sample ID: 680-115592-8

Date Collected: 08/12/15 12:20

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:34	1
Calcium	120000		500	25	ug/L		08/13/15 14:48	08/14/15 02:34	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:34	1
Magnesium	15000		500	33	ug/L		08/13/15 14:48	08/14/15 02:34	1
Potassium	1500		1000	17	ug/L		08/13/15 14:48	08/14/15 02:34	1
Sodium	150000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:34	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:27	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:27	1
Barium	97		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:27	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:27	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:27	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:27	1
Cobalt	0.19	J	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:27	1
Copper	88		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:27	1
Lead	1.1		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:27	1
Manganese	10		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:27	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW53_081215

Lab Sample ID: 680-115592-8

Date Collected: 08/12/15 12:20

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	1.3		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:27	1
Selenium	1.6	J	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:27	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:27	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:27	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:27	1
Zinc	4.8	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:27	1
Molybdenum	0.97	J	1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:27	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	350		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:18	1

Client Sample ID: GKMTW54_081215

Lab Sample ID: 680-115592-9

Date Collected: 08/12/15 13:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:38	1
Calcium	39000		500	25	ug/L		08/13/15 14:48	08/14/15 02:38	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:38	1
Magnesium	4400		500	33	ug/L		08/13/15 14:48	08/14/15 02:38	1
Potassium	1200		1000	17	ug/L		08/13/15 14:48	08/14/15 02:38	1
Sodium	300000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:38	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:31	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:31	1
Barium	24		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:31	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:31	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:31	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:31	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:31	1
Copper	12		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:31	1
Lead	0.086	J	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:31	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:31	1
Nickel	0.70	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:31	1
Selenium	21		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:31	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:31	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:31	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:31	1
Zinc	3.5	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:31	1
Molybdenum	1.4		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:31	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW54_081215

Lab Sample ID: 680-115592-9

Date Collected: 08/12/15 13:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	110		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:30	1

Client Sample ID: GKMTW55_081215

Lab Sample ID: 680-115592-10

Date Collected: 08/12/15 13:55

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:50	1
Calcium	15000		500	25	ug/L		08/13/15 14:48	08/14/15 02:50	1
Iron	28	J	50	17	ug/L		08/13/15 14:48	08/14/15 02:50	1
Magnesium	180	J	500	33	ug/L		08/13/15 14:48	08/14/15 02:50	1
Potassium	680	J	1000	17	ug/L		08/13/15 14:48	08/14/15 02:50	1
Sodium	240000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:50	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:35	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:35	1
Barium	73		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:35	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:35	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:35	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:35	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:35	1
Copper	18		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:35	1
Lead	0.51		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:35	1
Manganese	10		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:35	1
Nickel	0.53	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:35	1
Selenium	4.7		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:35	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:35	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:35	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:35	1
Zinc	4.9	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:35	1
Molybdenum	43		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:35	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	38		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:09	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKTMW111_081515

Lab Sample ID: 680-115592-11

Date Collected: 08/12/15 12:15

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 02:54	1
Calcium	30000		500	25	ug/L		08/13/15 14:48	08/14/15 02:54	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:54	1
Magnesium	3700		500	33	ug/L		08/13/15 14:48	08/14/15 02:54	1
Potassium	1200		1000	17	ug/L		08/13/15 14:48	08/14/15 02:54	1
Sodium	150000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 02:54	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:39	1
Arsenic	0.91	J	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:39	1
Barium	42		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:39	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:39	1
Cadmium	0.13		0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:39	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:39	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:39	1
Copper	5.8		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:39	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:39	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:39	1
Nickel	0.70	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:39	1
Selenium	7.1		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:39	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:39	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:39	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:39	1
Zinc	8.4	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 22:39	1
Molybdenum	4.8		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:39	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	91		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:11	1

Client Sample ID: A68_081115

Lab Sample ID: 680-115592-12

Date Collected: 08/11/15 17:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.044	J H	0.050	0.023	mg/L			08/13/15 19:54	1
Sulfate	83		4.0	1.6	mg/L			08/14/15 03:13	4
Fluoride	0.45		0.10	0.040	mg/L			08/13/15 22:51	1
Chloride	0.46	J	0.50	0.20	mg/L			08/13/15 22:51	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	86	J	200	24	ug/L		08/13/15 16:45	08/14/15 03:53	1
Calcium	44000		500	25	ug/L		08/13/15 16:45	08/14/15 03:53	1
Iron	140		50	17	ug/L		08/13/15 16:45	08/14/15 03:53	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: A68_081115

Lab Sample ID: 680-115592-12

Date Collected: 08/11/15 17:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2700		500	33	ug/L		08/13/15 16:45	08/14/15 03:53	1
Potassium	620	J	1000	17	ug/L		08/13/15 16:45	08/14/15 03:53	1
Sodium	1900		1000	480	ug/L		08/13/15 16:45	08/14/15 03:53	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	54	J	200	24	ug/L		08/13/15 14:48	08/14/15 02:58	1
Calcium, Dissolved	45000		500	25	ug/L		08/13/15 14:48	08/14/15 02:58	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 02:58	1
Potassium, Dissolved	650	J	1000	17	ug/L		08/13/15 14:48	08/14/15 02:58	1
Magnesium, Dissolved	2800		500	33	ug/L		08/13/15 14:48	08/14/15 02:58	1
Sodium, Dissolved	2000		1000	480	ug/L		08/13/15 14:48	08/14/15 02:58	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:33	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:33	1
Barium	22		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:33	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:33	1
Cadmium	0.74		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:33	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:33	1
Cobalt	0.40		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:33	1
Copper	4.6		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:33	1
Lead	1.6		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:33	1
Manganese	790		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:33	1
Nickel	1.1		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:33	1
Selenium	0.95	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:33	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:33	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:33	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:33	1
Zinc	220		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:33	1
Molybdenum	1.6		1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:33	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:51	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:51	1
Barium, Dissolved	23		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:51	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:51	1
Cadmium, Dissolved	0.77		0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:51	1
Cobalt, Dissolved	1.3		0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:51	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:51	1
Copper, Dissolved	2.7		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:51	1
Manganese, Dissolved	810		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:51	1
Molybdenum, Dissolved	1.6		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:51	1
Nickel, Dissolved	1.2		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:51	1
Lead, Dissolved	0.064	J	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:51	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:51	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:51	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:51	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: A68_081115

Lab Sample ID: 680-115592-12

Date Collected: 08/11/15 17:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L	-	08/13/15 14:48	08/13/15 22:51	1
Zinc, Dissolved	200		20	2.8	ug/L	-	08/13/15 14:48	08/13/15 22:51	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	120		3.3	3.3	mg/L	-		08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 18:05	08/14/15 03:11	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 17:24	08/14/15 09:25	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.68	HF			SU	-		08/13/15 19:24	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	31		5.0	5.0	mg/L	-		08/13/15 22:03	1

Client Sample ID: A72_081115

Lab Sample ID: 680-115592-13

Date Collected: 08/11/15 17:35

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.057		0.050	0.023	mg/L	-		08/13/15 18:22	1
Sulfate	150		4.0	1.6	mg/L	-		08/14/15 04:15	4
Fluoride	0.51		0.10	0.040	mg/L	-		08/13/15 23:53	1
Chloride	0.75		0.50	0.20	mg/L	-		08/13/15 23:53	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		200	24	ug/L	-	08/13/15 16:45	08/14/15 03:57	1
Calcium	64000		500	25	ug/L	-	08/13/15 16:45	08/14/15 03:57	1
Iron	3200		50	17	ug/L	-	08/13/15 16:45	08/14/15 03:57	1
Magnesium	4500		500	33	ug/L	-	08/13/15 16:45	08/14/15 03:57	1
Potassium	810	J	1000	17	ug/L	-	08/13/15 16:45	08/14/15 03:57	1
Sodium	2600		1000	480	ug/L	-	08/13/15 16:45	08/14/15 03:57	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	220		200	24	ug/L	-	08/13/15 14:48	08/14/15 03:01	1
Calcium, Dissolved	63000		500	25	ug/L	-	08/13/15 14:48	08/14/15 03:01	1
Iron, Dissolved	910		50	17	ug/L	-	08/13/15 14:48	08/14/15 03:01	1
Potassium, Dissolved	820	J	1000	17	ug/L	-	08/13/15 14:48	08/14/15 03:01	1
Magnesium, Dissolved	4400		500	33	ug/L	-	08/13/15 14:48	08/14/15 03:01	1
Sodium, Dissolved	2700		1000	480	ug/L	-	08/13/15 14:48	08/14/15 03:01	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: A72_081115

Lab Sample ID: 680-115592-13

Date Collected: 08/11/15 17:35

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:37	1
Arsenic	0.85	J	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:37	1
Barium	25		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:37	1
Beryllium	0.29	J	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:37	1
Cadmium	1.7		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:37	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:37	1
Cobalt	5.6		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:37	1
Copper	62		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:37	1
Lead	18		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:37	1
Manganese	1100		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:37	1
Nickel	4.0		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:37	1
Selenium	1.0	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:37	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:37	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:37	1
Vanadium	0.99	J	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:37	1
Zinc	530		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:37	1
Molybdenum	0.78	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:37	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:55	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:55	1
Barium, Dissolved	23		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:55	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:55	1
Cadmium, Dissolved	1.7		0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:55	1
Cobalt, Dissolved	7.6		0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:55	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:55	1
Copper, Dissolved	14		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:55	1
Manganese, Dissolved	1100		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:55	1
Molybdenum, Dissolved	0.69	J	1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:55	1
Nickel, Dissolved	4.1		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:55	1
Lead, Dissolved	4.1		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:55	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:55	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:55	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:55	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:55	1
Zinc, Dissolved	470		20	2.8	ug/L		08/13/15 14:48	08/13/15 22:55	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180		3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:21	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 09:28	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: A72_081115

Lab Sample ID: 680-115592-13

Date Collected: 08/11/15 17:35

Matrix: Water

Date Received: 08/13/15 09:23

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.83	HF			SU			08/13/15 19:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	7.6		5.0	5.0	mg/L			08/13/15 22:10	1

Client Sample ID: CC48_081115

Lab Sample ID: 680-115592-14

Date Collected: 08/11/15 16:55

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.035	J	0.050	0.023	mg/L			08/13/15 18:06	1
Sulfate	540		25	10	mg/L			08/14/15 10:11	25
Fluoride	2.1		0.10	0.040	mg/L			08/14/15 00:08	1
Chloride	0.28	J	0.50	0.20	mg/L			08/14/15 00:08	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8900		200	24	ug/L		08/13/15 16:45	08/14/15 04:01	1
Calcium	170000		500	25	ug/L		08/13/15 16:45	08/14/15 04:01	1
Iron	17000		50	17	ug/L		08/13/15 16:45	08/14/15 04:01	1
Magnesium	10000		500	33	ug/L		08/13/15 16:45	08/14/15 04:01	1
Potassium	2100		1000	17	ug/L		08/13/15 16:45	08/14/15 04:01	1
Sodium	5100		1000	480	ug/L		08/13/15 16:45	08/14/15 04:01	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	8000		200	24	ug/L		08/13/15 14:48	08/14/15 03:05	1
Calcium, Dissolved	170000		500	25	ug/L		08/13/15 14:48	08/14/15 03:05	1
Iron, Dissolved	8900		50	17	ug/L		08/13/15 14:48	08/14/15 03:05	1
Potassium, Dissolved	1800		1000	17	ug/L		08/13/15 14:48	08/14/15 03:05	1
Magnesium, Dissolved	10000		500	33	ug/L		08/13/15 14:48	08/14/15 03:05	1
Sodium, Dissolved	5100		1000	480	ug/L		08/13/15 14:48	08/14/15 03:05	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:41	1
Arsenic	4.6		1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:41	1
Barium	26		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:41	1
Beryllium	1.8		0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:41	1
Cadmium	9.2		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:41	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:41	1
Cobalt	28		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:41	1
Copper	430		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:41	1
Lead	82		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:41	1
Manganese	5500	E	2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:41	1
Nickel	18		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:41	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:41	1
Silver	0.17	J	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:41	1
Thallium	0.24		0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:41	1
Vanadium	6.0		1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:41	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: CC48_081115

Lab Sample ID: 680-115592-14

Date Collected: 08/11/15 16:55

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	3000		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:41	1
Molybdenum	0.67	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:41	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 22:59	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 22:59	1
Barium, Dissolved	17		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 22:59	1
Beryllium, Dissolved	1.7		0.40	0.15	ug/L		08/13/15 14:48	08/13/15 22:59	1
Cadmium, Dissolved	9.4		0.10	0.043	ug/L		08/13/15 14:48	08/13/15 22:59	1
Cobalt, Dissolved	29		0.40	0.12	ug/L		08/13/15 14:48	08/13/15 22:59	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 22:59	1
Copper, Dissolved	440		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 22:59	1
Manganese, Dissolved	5700	E	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 22:59	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/13/15 14:48	08/13/15 22:59	1
Nickel, Dissolved	18		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:59	1
Lead, Dissolved	41		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 22:59	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 22:59	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 22:59	1
Thallium, Dissolved	0.19	J	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 22:59	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 22:59	1
Zinc, Dissolved	3100		20	2.8	ug/L		08/13/15 14:48	08/13/15 22:59	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	460		3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:24	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:20	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.32	HF			SU			08/13/15 19:08	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/13/15 22:14	1

Client Sample ID: GKMSW01_081115

Lab Sample ID: 680-115592-15

Date Collected: 08/11/15 16:46

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.024	J	0.050	0.023	mg/L			08/13/15 17:51	1
Sulfate	97		4.0	1.6	mg/L			08/14/15 05:16	4
Fluoride	0.34		0.10	0.040	mg/L			08/14/15 00:24	1
Chloride	11		0.50	0.20	mg/L			08/14/15 00:24	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	130	J	200	24	ug/L		08/13/15 16:45	08/14/15 04:04	1
Calcium	61000		500	25	ug/L		08/13/15 16:45	08/14/15 04:04	1
Iron	290		50	17	ug/L		08/13/15 16:45	08/14/15 04:04	1
Magnesium	8200		500	33	ug/L		08/13/15 16:45	08/14/15 04:04	1
Potassium	2300		1000	17	ug/L		08/13/15 16:45	08/14/15 04:04	1
Sodium	12000		1000	480	ug/L		08/13/15 16:45	08/14/15 04:04	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	66	J	200	24	ug/L		08/13/15 18:32	08/14/15 08:43	1
Calcium, Dissolved	61000		500	25	ug/L		08/13/15 18:32	08/14/15 08:43	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 18:32	08/14/15 08:43	1
Potassium, Dissolved	2400		1000	17	ug/L		08/13/15 18:32	08/14/15 08:43	1
Magnesium, Dissolved	8300		500	33	ug/L		08/13/15 18:32	08/14/15 08:43	1
Sodium, Dissolved	13000		1000	480	ug/L		08/13/15 18:32	08/14/15 08:43	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:45	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:45	1
Barium	46		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:45	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:45	1
Cadmium	0.070	J	0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:45	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:45	1
Cobalt	0.27	J	0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:45	1
Copper	3.8		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:45	1
Lead	2.6		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:45	1
Manganese	81		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:45	1
Nickel	1.1		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:45	1
Selenium	1.1	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:45	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:45	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:45	1
Vanadium	0.43	J	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:45	1
Zinc	25		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:45	1
Molybdenum	0.88	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:45	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 18:32	08/14/15 06:46	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 18:32	08/14/15 06:46	1
Barium, Dissolved	45		2.0	0.14	ug/L		08/13/15 18:32	08/14/15 06:46	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 18:32	08/14/15 06:46	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/13/15 18:32	08/14/15 06:46	1
Cobalt, Dissolved	1.5		0.40	0.12	ug/L		08/13/15 18:32	08/14/15 06:46	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 18:32	08/14/15 06:46	1
Copper, Dissolved	1.5		1.0	0.50	ug/L		08/13/15 18:32	08/14/15 06:46	1
Manganese, Dissolved	71		2.5	1.2	ug/L		08/13/15 18:32	08/14/15 06:46	1
Molybdenum, Dissolved	0.88	J	1.0	0.45	ug/L		08/13/15 18:32	08/14/15 06:46	1
Nickel, Dissolved	1.1		1.0	0.40	ug/L		08/13/15 18:32	08/14/15 06:46	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 18:32	08/14/15 06:46	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 18:32	08/14/15 06:46	1
Selenium, Dissolved	1.1	J B	2.0	0.58	ug/L		08/13/15 18:32	08/14/15 06:46	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 18:32	08/14/15 06:46	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 18:32	08/14/15 06:46	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW01_081115

Lab Sample ID: 680-115592-15

Date Collected: 08/11/15 16:46

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc, Dissolved	5.4	J	20	2.8	ug/L	-	08/13/15 18:32	08/14/15 06:46	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L	-		08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 18:05	08/14/15 03:27	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 19:58	08/14/15 05:00	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.52	HF			SU	-		08/13/15 19:05	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	87		5.0	5.0	mg/L	-		08/13/15 22:38	1

Client Sample ID: GKMSW02_081115

Lab Sample ID: 680-115592-16

Date Collected: 08/11/15 14:32

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.13	H	0.050	0.023	mg/L	-		08/13/15 16:49	1
Sulfate	79		4.0	1.6	mg/L	-		08/14/15 05:32	4
Fluoride	0.34		0.10	0.040	mg/L	-		08/14/15 00:39	1
Chloride	1.1		0.50	0.20	mg/L	-		08/14/15 00:39	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	610		200	24	ug/L	-	08/13/15 16:45	08/14/15 04:08	1
Calcium	43000		500	25	ug/L	-	08/13/15 16:45	08/14/15 04:08	1
Iron	1000		50	17	ug/L	-	08/13/15 16:45	08/14/15 04:08	1
Magnesium	4800		500	33	ug/L	-	08/13/15 16:45	08/14/15 04:08	1
Potassium	940	J	1000	17	ug/L	-	08/13/15 16:45	08/14/15 04:08	1
Sodium	2500		1000	480	ug/L	-	08/13/15 16:45	08/14/15 04:08	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	60	J	200	24	ug/L	-	08/13/15 18:32	08/14/15 09:05	1
Calcium, Dissolved	43000		500	25	ug/L	-	08/13/15 18:32	08/14/15 09:05	1
Iron, Dissolved	17	U	50	17	ug/L	-	08/13/15 18:32	08/14/15 09:05	1
Potassium, Dissolved	850	J	1000	17	ug/L	-	08/13/15 18:32	08/14/15 09:05	1
Magnesium, Dissolved	4900		500	33	ug/L	-	08/13/15 18:32	08/14/15 09:05	1
Sodium, Dissolved	2500		1000	480	ug/L	-	08/13/15 18:32	08/14/15 09:05	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW02_081115

Lab Sample ID: 680-115592-16

Date Collected: 08/11/15 14:32

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:49	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:49	1
Barium	33		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:49	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:49	1
Cadmium	0.55		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:49	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:49	1
Cobalt	1.8		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:49	1
Copper	20		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:49	1
Lead	4.8		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:49	1
Manganese	390		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:49	1
Nickel	1.8		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:49	1
Selenium	0.78	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:49	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:49	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:49	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:49	1
Zinc	180		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:49	1
Molybdenum	0.62	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:49	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 18:32	08/14/15 07:11	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 18:32	08/14/15 07:11	1
Barium, Dissolved	33		2.0	0.14	ug/L		08/13/15 18:32	08/14/15 07:11	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 18:32	08/14/15 07:11	1
Cadmium, Dissolved	0.40		0.10	0.043	ug/L		08/13/15 18:32	08/14/15 07:11	1
Cobalt, Dissolved	1.9		0.40	0.12	ug/L		08/13/15 18:32	08/14/15 07:11	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 18:32	08/14/15 07:11	1
Copper, Dissolved	3.4		1.0	0.50	ug/L		08/13/15 18:32	08/14/15 07:11	1
Manganese, Dissolved	390		2.5	1.2	ug/L		08/13/15 18:32	08/14/15 07:11	1
Molybdenum, Dissolved	0.61	J	1.0	0.45	ug/L		08/13/15 18:32	08/14/15 07:11	1
Nickel, Dissolved	2.3		1.0	0.40	ug/L		08/13/15 18:32	08/14/15 07:11	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 18:32	08/14/15 07:11	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 18:32	08/14/15 07:11	1
Selenium, Dissolved	0.71	J B	2.0	0.58	ug/L		08/13/15 18:32	08/14/15 07:11	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 18:32	08/14/15 07:11	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 18:32	08/14/15 07:11	1
Zinc, Dissolved	88		20	2.8	ug/L		08/13/15 18:32	08/14/15 07:11	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	130		3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:30	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 19:58	08/14/15 05:03	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW02_081115

Lab Sample ID: 680-115592-16

Date Collected: 08/11/15 14:32

Matrix: Water

Date Received: 08/13/15 09:23

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.77	HF			SU			08/13/15 19:01	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	33		5.0	5.0	mg/L			08/13/15 22:21	1

Client Sample ID: GKMSW04_081115

Lab Sample ID: 680-115592-17

Date Collected: 08/11/15 15:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.062		0.050	0.023	mg/L			08/13/15 17:05	1
Sulfate	98		4.0	1.6	mg/L			08/14/15 05:47	4
Fluoride	0.33		0.10	0.040	mg/L			08/14/15 00:54	1
Chloride	11		0.50	0.20	mg/L			08/14/15 00:54	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	190	J	200	24	ug/L		08/13/15 16:45	08/14/15 04:12	1
Calcium	62000		500	25	ug/L		08/13/15 16:45	08/14/15 04:12	1
Iron	570		50	17	ug/L		08/13/15 16:45	08/14/15 04:12	1
Magnesium	8000		500	33	ug/L		08/13/15 16:45	08/14/15 04:12	1
Potassium	2300		1000	17	ug/L		08/13/15 16:45	08/14/15 04:12	1
Sodium	12000		1000	480	ug/L		08/13/15 16:45	08/14/15 04:12	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/13/15 18:32	08/14/15 09:15	1
Calcium, Dissolved	61000		500	25	ug/L		08/13/15 18:32	08/14/15 09:15	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 18:32	08/14/15 09:15	1
Potassium, Dissolved	2200		1000	17	ug/L		08/13/15 18:32	08/14/15 09:15	1
Magnesium, Dissolved	7800		500	33	ug/L		08/13/15 18:32	08/14/15 09:15	1
Sodium, Dissolved	12000		1000	480	ug/L		08/13/15 18:32	08/14/15 09:15	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:53	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:53	1
Barium	46		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:53	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:53	1
Cadmium	0.18		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:53	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:53	1
Cobalt	0.45		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:53	1
Copper	6.3		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:53	1
Lead	3.6		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:53	1
Manganese	130		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:53	1
Nickel	1.5		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:53	1
Selenium	0.78	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:53	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:53	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:53	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:53	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW04_081115

Lab Sample ID: 680-115592-17

Date Collected: 08/11/15 15:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	70		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:53	1
Molybdenum	0.76	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:53	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 18:32	08/14/15 07:23	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 18:32	08/14/15 07:23	1
Barium, Dissolved	46		2.0	0.14	ug/L		08/13/15 18:32	08/14/15 07:23	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 18:32	08/14/15 07:23	1
Cadmium, Dissolved	0.12		0.10	0.043	ug/L		08/13/15 18:32	08/14/15 07:23	1
Cobalt, Dissolved	0.69		0.40	0.12	ug/L		08/13/15 18:32	08/14/15 07:23	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 18:32	08/14/15 07:23	1
Copper, Dissolved	1.4		1.0	0.50	ug/L		08/13/15 18:32	08/14/15 07:23	1
Manganese, Dissolved	130		2.5	1.2	ug/L		08/13/15 18:32	08/14/15 07:23	1
Molybdenum, Dissolved	0.84	J	1.0	0.45	ug/L		08/13/15 18:32	08/14/15 07:23	1
Nickel, Dissolved	1.3		1.0	0.40	ug/L		08/13/15 18:32	08/14/15 07:23	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 18:32	08/14/15 07:23	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 18:32	08/14/15 07:23	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 18:32	08/14/15 07:23	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 18:32	08/14/15 07:23	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 18:32	08/14/15 07:23	1
Zinc, Dissolved	51		20	2.8	ug/L		08/13/15 18:32	08/14/15 07:23	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:33	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 19:58	08/14/15 05:13	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.87	HF			SU			08/13/15 18:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	77		5.0	5.0	mg/L			08/13/15 22:29	1

Client Sample ID: GKMSW05_081115

Lab Sample ID: 680-115592-18

Date Collected: 08/11/15 16:07

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.035	J	0.050	0.023	mg/L			08/13/15 17:20	1
Sulfate	97		4.0	1.6	mg/L			08/14/15 06:02	4
Fluoride	0.33		0.10	0.040	mg/L			08/14/15 01:10	1
Chloride	11		0.50	0.20	mg/L			08/14/15 01:10	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	140	J	200	24	ug/L		08/13/15 16:45	08/14/15 04:24	1
Calcium	61000		500	25	ug/L		08/13/15 16:45	08/14/15 04:24	1
Iron	350		50	17	ug/L		08/13/15 16:45	08/14/15 04:24	1
Magnesium	7800		500	33	ug/L		08/13/15 16:45	08/14/15 04:24	1
Potassium	2200		1000	17	ug/L		08/13/15 16:45	08/14/15 04:24	1
Sodium	12000		1000	480	ug/L		08/13/15 16:45	08/14/15 04:24	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	45	J	200	24	ug/L		08/13/15 18:32	08/14/15 09:19	1
Calcium, Dissolved	61000		500	25	ug/L		08/13/15 18:32	08/14/15 09:19	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 18:32	08/14/15 09:19	1
Potassium, Dissolved	2200		1000	17	ug/L		08/13/15 18:32	08/14/15 09:19	1
Magnesium, Dissolved	7900		500	33	ug/L		08/13/15 18:32	08/14/15 09:19	1
Sodium, Dissolved	12000		1000	480	ug/L		08/13/15 18:32	08/14/15 09:19	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:57	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:57	1
Barium	45		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:57	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:57	1
Cadmium	0.15		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:57	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:57	1
Cobalt	0.34	J	0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:57	1
Copper	3.9		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:57	1
Lead	2.8		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:57	1
Manganese	110		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:57	1
Nickel	1.3		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:57	1
Selenium	1.2	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:57	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:57	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:57	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:57	1
Zinc	41		20	2.8	ug/L		08/13/15 16:45	08/14/15 01:57	1
Molybdenum	0.77	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:57	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 18:32	08/14/15 07:30	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 18:32	08/14/15 07:30	1
Barium, Dissolved	44		2.0	0.14	ug/L		08/13/15 18:32	08/14/15 07:30	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 18:32	08/14/15 07:30	1
Cadmium, Dissolved	0.061	J	0.10	0.043	ug/L		08/13/15 18:32	08/14/15 07:30	1
Cobalt, Dissolved	0.57		0.40	0.12	ug/L		08/13/15 18:32	08/14/15 07:30	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 18:32	08/14/15 07:30	1
Copper, Dissolved	1.2		1.0	0.50	ug/L		08/13/15 18:32	08/14/15 07:30	1
Manganese, Dissolved	100		2.5	1.2	ug/L		08/13/15 18:32	08/14/15 07:30	1
Molybdenum, Dissolved	0.79	J	1.0	0.45	ug/L		08/13/15 18:32	08/14/15 07:30	1
Nickel, Dissolved	1.1		1.0	0.40	ug/L		08/13/15 18:32	08/14/15 07:30	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 18:32	08/14/15 07:30	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 18:32	08/14/15 07:30	1
Selenium, Dissolved	0.91	J B	2.0	0.58	ug/L		08/13/15 18:32	08/14/15 07:30	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 18:32	08/14/15 07:30	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 18:32	08/14/15 07:30	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW05_081115

Lab Sample ID: 680-115592-18

Date Collected: 08/11/15 16:07

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc, Dissolved	21		20	2.8	ug/L	-	08/13/15 18:32	08/14/15 07:30	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180		3.3	3.3	mg/L	-		08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 18:05	08/14/15 03:36	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 19:58	08/14/15 05:16	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.04	HF			SU	-		08/13/15 18:53	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	78		5.0	5.0	mg/L	-		08/13/15 22:57	1

Client Sample ID: GKMSW13_081115

Lab Sample ID: 680-115592-19

Date Collected: 08/11/15 16:20

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.046	U	0.10	0.046	mg/L	-		08/13/15 17:35	2
Sulfate	1400		50	20	mg/L			08/14/15 10:26	50
Fluoride	7.2		0.10	0.040	mg/L			08/14/15 01:56	1
Chloride	0.90		0.50	0.20	mg/L			08/14/15 01:56	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	21000		200	24	ug/L	-	08/13/15 16:45	08/14/15 04:28	1
Calcium	340000		500	25	ug/L		08/13/15 16:45	08/14/15 04:28	1
Iron	99000		50	17	ug/L		08/13/15 16:45	08/14/15 04:28	1
Magnesium	26000		500	33	ug/L		08/13/15 16:45	08/14/15 04:28	1
Potassium	2300		1000	17	ug/L		08/13/15 16:45	08/14/15 04:28	1
Sodium	120000	E	1000	480	ug/L		08/13/15 16:45	08/14/15 04:28	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	8500		200	24	ug/L	-	08/13/15 14:48	08/14/15 03:09	1
Calcium, Dissolved	340000		500	25	ug/L		08/13/15 14:48	08/14/15 03:09	1
Iron, Dissolved	63000		50	17	ug/L		08/13/15 14:48	08/14/15 03:09	1
Potassium, Dissolved	2300		1000	17	ug/L		08/13/15 14:48	08/14/15 03:09	1
Magnesium, Dissolved	26000		500	33	ug/L		08/13/15 14:48	08/14/15 03:09	1
Sodium, Dissolved	120000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 03:09	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW13_081115

Lab Sample ID: 680-115592-19

Date Collected: 08/11/15 16:20

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:09	1
Arsenic	12		1.0	0.37	ug/L		08/13/15 16:45	08/14/15 02:09	1
Barium	9.5		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 02:09	1
Beryllium	6.6		0.40	0.15	ug/L		08/13/15 16:45	08/14/15 02:09	1
Cadmium	79		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 02:09	1
Chromium	2.6		2.0	1.0	ug/L		08/13/15 16:45	08/14/15 02:09	1
Cobalt	99		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 02:09	1
Copper	3900	E	1.0	0.50	ug/L		08/13/15 16:45	08/14/15 02:09	1
Lead	22		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 02:09	1
Manganese	29000	E	2.5	1.2	ug/L		08/13/15 16:45	08/14/15 02:09	1
Nickel	60		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:09	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 02:09	1
Silver	0.11	J	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 02:09	1
Thallium	0.27		0.20	0.10	ug/L		08/13/15 16:45	08/14/15 02:09	1
Vanadium	13		1.0	0.30	ug/L		08/13/15 16:45	08/14/15 02:09	1
Zinc	21000	E	20	2.8	ug/L		08/13/15 16:45	08/14/15 02:09	1
Molybdenum	1.6		1.0	0.45	ug/L		08/13/15 16:45	08/14/15 02:09	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 23:03	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 23:03	1
Barium, Dissolved	9.4		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 23:03	1
Beryllium, Dissolved	3.4		0.40	0.15	ug/L		08/13/15 14:48	08/13/15 23:03	1
Cadmium, Dissolved	80		0.10	0.043	ug/L		08/13/15 14:48	08/13/15 23:03	1
Cobalt, Dissolved	100		0.40	0.12	ug/L		08/13/15 14:48	08/13/15 23:03	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 23:03	1
Copper, Dissolved	2800		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 23:03	1
Manganese, Dissolved	30000	E	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 23:03	1
Molybdenum, Dissolved	0.64	J	1.0	0.45	ug/L		08/13/15 14:48	08/13/15 23:03	1
Nickel, Dissolved	58		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:03	1
Lead, Dissolved	2.6		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 23:03	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:03	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 23:03	1
Thallium, Dissolved	0.25		0.20	0.10	ug/L		08/13/15 14:48	08/13/15 23:03	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 23:03	1
Zinc, Dissolved	22000	E	20	2.8	ug/L		08/13/15 14:48	08/13/15 23:03	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	950		3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:39	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:29	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW13_081115

Lab Sample ID: 680-115592-19

Date Collected: 08/11/15 16:20

Matrix: Water

Date Received: 08/13/15 09:23

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.59	HF			SU			08/13/15 18:49	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/13/15 23:01	1

Client Sample ID: GKMTW104_081115

Lab Sample ID: 680-115592-20

Date Collected: 08/11/15 15:40

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	J	200	24	ug/L		08/13/15 14:48	08/14/15 03:13	1
Calcium	3800		500	25	ug/L		08/13/15 14:48	08/14/15 03:13	1
Iron	32	J	50	17	ug/L		08/13/15 14:48	08/14/15 03:13	1
Magnesium	66	J	500	33	ug/L		08/13/15 14:48	08/14/15 03:13	1
Potassium	320	J	1000	17	ug/L		08/13/15 14:48	08/14/15 03:13	1
Sodium	180000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 03:13	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:07	1
Arsenic	7.4		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 23:07	1
Barium	32		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 23:07	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 23:07	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 23:07	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 23:07	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 23:07	1
Copper	5.0		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 23:07	1
Lead	0.34		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 23:07	1
Manganese	9.3		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 23:07	1
Nickel	0.69	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:07	1
Selenium	0.73	J	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 23:07	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 23:07	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 23:07	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 23:07	1
Zinc	3.1	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 23:07	1
Molybdenum	30		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 23:07	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	9.9		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:32	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW105_081115

Lab Sample ID: 680-115592-21

Date Collected: 08/11/15 16:10

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 03:17	1
Calcium	3600		500	25	ug/L		08/13/15 14:48	08/14/15 03:17	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 03:17	1
Magnesium	68	J	500	33	ug/L		08/13/15 14:48	08/14/15 03:17	1
Potassium	330	J	1000	17	ug/L		08/13/15 14:48	08/14/15 03:17	1
Sodium	180000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 03:17	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:11	1
Arsenic	2.7		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 23:11	1
Barium	32		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 23:11	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 23:11	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 23:11	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 23:11	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 23:11	1
Copper	6.9		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 23:11	1
Lead	0.65		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 23:11	1
Manganese	7.4		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 23:11	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:11	1
Selenium	0.72	J	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 23:11	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 23:11	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 23:11	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 23:11	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 14:48	08/13/15 23:11	1
Molybdenum	85		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 23:11	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	9.3		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:35	1

Client Sample ID: GKMTW106_081115

Lab Sample ID: 680-115592-22

Date Collected: 08/11/15 16:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 03:21	1
Calcium	8400		500	25	ug/L		08/13/15 14:48	08/14/15 03:21	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 03:21	1
Magnesium	900		500	33	ug/L		08/13/15 14:48	08/14/15 03:21	1
Potassium	490	J	1000	17	ug/L		08/13/15 14:48	08/14/15 03:21	1
Sodium	190000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 03:21	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:15	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW106_081115

Lab Sample ID: 680-115592-22

Date Collected: 08/11/15 16:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 23:15	1
Barium	36		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 23:15	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 23:15	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 23:15	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 23:15	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 23:15	1
Copper	14		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 23:15	1
Lead	0.52		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 23:15	1
Manganese	4.6		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 23:15	1
Nickel	1.3		1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:15	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 23:15	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 23:15	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 23:15	1
Vanadium	0.30	J	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 23:15	1
Zinc	5.1	J	20	2.8	ug/L		08/13/15 14:48	08/13/15 23:15	1
Molybdenum	270		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 23:15	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	25		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:38	1

Client Sample ID: GKMTW107_081115

Lab Sample ID: 680-115592-23

Date Collected: 08/11/15 17:20

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 03:25	1
Calcium	95	J	500	25	ug/L		08/13/15 14:48	08/14/15 03:25	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 03:25	1
Magnesium	33	U	500	33	ug/L		08/13/15 14:48	08/14/15 03:25	1
Potassium	350	J	1000	17	ug/L		08/13/15 14:48	08/14/15 03:25	1
Sodium	290000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 03:25	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:19	1
Arsenic	0.45	J	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 23:19	1
Barium	0.21	J	2.0	0.14	ug/L		08/13/15 14:48	08/13/15 23:19	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 23:19	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 23:19	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 23:19	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 23:19	1
Copper	29		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 23:19	1
Lead	1.9		0.30	0.060	ug/L		08/13/15 14:48	08/13/15 23:19	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 23:19	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW107_081115

Lab Sample ID: 680-115592-23

Date Collected: 08/11/15 17:20

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.58	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:19	1
Selenium	25		2.0	0.58	ug/L		08/13/15 14:48	08/13/15 23:19	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 23:19	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 23:19	1
Vanadium	0.43	J	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 23:19	1
Zinc	94		20	2.8	ug/L		08/13/15 14:48	08/13/15 23:19	1
Molybdenum	1.8		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 23:19	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:41	1

Client Sample ID: GKMTW200_081115

Lab Sample ID: 680-115592-24

Date Collected: 08/11/15 15:07

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 03:37	1
Calcium	3600		500	25	ug/L		08/13/15 14:48	08/14/15 03:37	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 03:37	1
Magnesium	33	J	500	33	ug/L		08/13/15 14:48	08/14/15 03:37	1
Potassium	330	J	1000	17	ug/L		08/13/15 14:48	08/14/15 03:37	1
Sodium	160000	E	1000	480	ug/L		08/13/15 14:48	08/14/15 03:37	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:23	1
Arsenic	5.1		1.0	0.37	ug/L		08/13/15 14:48	08/13/15 23:23	1
Barium	32		2.0	0.14	ug/L		08/13/15 14:48	08/13/15 23:23	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 23:23	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 23:23	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 23:23	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 23:23	1
Copper	3.9		1.0	0.50	ug/L		08/13/15 14:48	08/13/15 23:23	1
Lead	0.14	J	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 23:23	1
Manganese	21		2.5	1.2	ug/L		08/13/15 14:48	08/13/15 23:23	1
Nickel	0.45	J	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 23:23	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 23:23	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 23:23	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 23:23	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 23:23	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 14:48	08/13/15 23:23	1
Molybdenum	17		1.0	0.45	ug/L		08/13/15 14:48	08/13/15 23:23	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW200_081115

Lab Sample ID: 680-115592-24

Date Collected: 08/11/15 15:07

Matrix: Water

Date Received: 08/13/15 09:23

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	9.2		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:45	1

Client Sample ID: GKMTW201_081115

Lab Sample ID: 680-115592-25

Date Collected: 08/11/15 15:44

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 21:28	1
Calcium	170000		500	25	ug/L		08/13/15 15:25	08/13/15 21:28	1
Iron	17	J	50	17	ug/L		08/13/15 15:25	08/13/15 21:28	1
Magnesium	87000		500	33	ug/L		08/13/15 15:25	08/13/15 21:28	1
Potassium	3600		1000	17	ug/L		08/13/15 15:25	08/13/15 21:28	1
Sodium	150000	E	1000	480	ug/L		08/13/15 15:25	08/13/15 21:28	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/13/15 23:48	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/13/15 23:48	1
Barium	120		2.0	0.14	ug/L		08/13/15 15:25	08/13/15 23:48	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/13/15 23:48	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/13/15 23:48	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/13/15 23:48	1
Cobalt	0.75		0.40	0.12	ug/L		08/13/15 15:25	08/13/15 23:48	1
Copper	6.7		1.0	0.50	ug/L		08/13/15 15:25	08/13/15 23:48	1
Lead	0.087	J	0.30	0.060	ug/L		08/13/15 15:25	08/13/15 23:48	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/13/15 23:48	1
Nickel	4.7		1.0	0.40	ug/L		08/13/15 15:25	08/13/15 23:48	1
Selenium	3.8		2.0	0.58	ug/L		08/13/15 15:25	08/13/15 23:48	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/13/15 23:48	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/13/15 23:48	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/13/15 23:48	1
Zinc	3.9	J	20	2.8	ug/L		08/13/15 15:25	08/13/15 23:48	1
Molybdenum	1.6		1.0	0.45	ug/L		08/13/15 15:25	08/13/15 23:48	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	770		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 01:48	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW202_081115

Lab Sample ID: 680-115592-26

Date Collected: 08/11/15 16:15

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 21:39	1
Calcium	4800		500	25	ug/L		08/13/15 15:25	08/13/15 21:39	1
Iron	120		50	17	ug/L		08/13/15 15:25	08/13/15 21:39	1
Magnesium	38	J	500	33	ug/L		08/13/15 15:25	08/13/15 21:39	1
Potassium	320	J	1000	17	ug/L		08/13/15 15:25	08/13/15 21:39	1
Sodium	190000	E	1000	480	ug/L		08/13/15 15:25	08/13/15 21:39	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:08	1
Arsenic	4.9		1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:08	1
Barium	46		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:08	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:08	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:08	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:08	1
Cobalt	0.20	J	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:08	1
Copper	4.9		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:08	1
Lead	0.17	J	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:08	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:08	1
Nickel	1.3		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:08	1
Selenium	4.1		2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:08	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:08	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:08	1
Vanadium	0.31	J	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:08	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 15:25	08/14/15 00:08	1
Molybdenum	11		1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:08	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	12		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:56	1

Client Sample ID: GKMTW203_081115

Lab Sample ID: 680-115592-27

Date Collected: 08/11/15 16:58

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 22:15	1
Calcium	47000		500	25	ug/L		08/13/15 15:25	08/13/15 22:15	1
Iron	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 22:15	1
Magnesium	7900		500	33	ug/L		08/13/15 15:25	08/13/15 22:15	1
Potassium	1400		1000	17	ug/L		08/13/15 15:25	08/13/15 22:15	1
Sodium	160000	E	1000	480	ug/L		08/13/15 15:25	08/13/15 22:15	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:28	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW203_081115

Lab Sample ID: 680-115592-27

Date Collected: 08/11/15 16:58

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4		1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:28	1
Barium	51		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:28	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:28	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:28	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:28	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:28	1
Copper	11		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:28	1
Lead	0.21	J	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:28	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:28	1
Nickel	0.87	J	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:28	1
Selenium	2.7		2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:28	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:28	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:28	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:28	1
Zinc	15	J	20	2.8	ug/L		08/13/15 15:25	08/14/15 00:28	1
Molybdenum	11		1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:28	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	150		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:05	1

Client Sample ID: GKMTW46_081115

Lab Sample ID: 680-115592-28

Date Collected: 08/11/15 14:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	39	J	200	24	ug/L		08/13/15 15:25	08/13/15 22:19	1
Calcium	26000		500	25	ug/L		08/13/15 15:25	08/13/15 22:19	1
Iron	29	J	50	17	ug/L		08/13/15 15:25	08/13/15 22:19	1
Magnesium	1300		500	33	ug/L		08/13/15 15:25	08/13/15 22:19	1
Potassium	1300		1000	17	ug/L		08/13/15 15:25	08/13/15 22:19	1
Sodium	240000	E	1000	480	ug/L		08/13/15 15:25	08/13/15 22:19	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:32	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:32	1
Barium	65		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:32	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:32	1
Cadmium	0.079	J	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:32	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:32	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:32	1
Copper	17		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:32	1
Lead	0.39		0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:32	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:32	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW46_081115

Lab Sample ID: 680-115592-28

Date Collected: 08/11/15 14:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	1.4		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:32	1
Selenium	18		2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:32	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:32	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:32	1
Vanadium	1.5		1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:32	1
Zinc	5.4	J	20	2.8	ug/L		08/13/15 15:25	08/14/15 00:32	1
Molybdenum	31		1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:32	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	71		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:50	1

Client Sample ID: GKMTW47_081115

Lab Sample ID: 680-115592-29

Date Collected: 08/11/15 16:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 22:23	1
Calcium	3700		500	25	ug/L		08/13/15 15:25	08/13/15 22:23	1
Iron	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 22:23	1
Magnesium	33	U	500	33	ug/L		08/13/15 15:25	08/13/15 22:23	1
Potassium	220	J	1000	17	ug/L		08/13/15 15:25	08/13/15 22:23	1
Sodium	120000	E	1000	480	ug/L		08/13/15 15:25	08/13/15 22:23	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:36	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:36	1
Barium	9.4		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:36	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:36	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:36	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:36	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:36	1
Copper	2.6		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:36	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:36	1
Manganese	3.6		2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:36	1
Nickel	0.45	J	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:36	1
Selenium	1.6	J	2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:36	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:36	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:36	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:36	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 15:25	08/14/15 00:36	1
Molybdenum	1.8		1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:36	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW47_081115

Lab Sample ID: 680-115592-29

Date Collected: 08/11/15 16:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	9.3		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:02	1

Client Sample ID: GKMTW48_081115

Lab Sample ID: 680-115592-30

Date Collected: 08/11/15 22:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 22:27	1
Calcium	110000		500	25	ug/L		08/13/15 15:25	08/13/15 22:27	1
Iron	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 22:27	1
Magnesium	20000		500	33	ug/L		08/13/15 15:25	08/13/15 22:27	1
Potassium	540	J	1000	17	ug/L		08/13/15 15:25	08/13/15 22:27	1
Sodium	120000	E	1000	480	ug/L		08/13/15 15:25	08/13/15 22:27	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:40	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:40	1
Barium	48		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:40	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:40	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:40	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:40	1
Cobalt	0.17	J	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:40	1
Copper	3.6		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:40	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:40	1
Manganese	2.8		2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:40	1
Nickel	1.2		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:40	1
Selenium	1.5	J	2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:40	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:40	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:40	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:40	1
Zinc	4.0	J	20	2.8	ug/L		08/13/15 15:25	08/14/15 00:40	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:40	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	350		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 03:08	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW49_081115

Lab Sample ID: 680-115592-31

Date Collected: 08/11/15 02:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 22:31	1
Calcium	79000		500	25	ug/L		08/13/15 15:25	08/13/15 22:31	1
Iron	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 22:31	1
Magnesium	22000		500	33	ug/L		08/13/15 15:25	08/13/15 22:31	1
Potassium	4100		1000	17	ug/L		08/13/15 15:25	08/13/15 22:31	1
Sodium	45000		1000	480	ug/L		08/13/15 15:25	08/13/15 22:31	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:45	1
Arsenic	0.39	J	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:45	1
Barium	68		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:45	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:45	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:45	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:45	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:45	1
Copper	8.3		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:45	1
Lead	0.27	J	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:45	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:45	1
Nickel	0.96	J	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:45	1
Selenium	2.0		2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:45	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:45	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:45	1
Vanadium	4.5		1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:45	1
Zinc	3.7	J	20	2.8	ug/L		08/13/15 15:25	08/14/15 00:45	1
Molybdenum	2.4		1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:45	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	290		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:59	1

Client Sample ID: GKMSW01_081215

Lab Sample ID: 680-115592-32

Date Collected: 08/12/15 12:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/13/15 20:09	1
Sulfate	97		4.0	1.6	mg/L			08/14/15 06:18	4
Fluoride	0.36		0.10	0.040	mg/L			08/14/15 02:11	1
Chloride	11		0.50	0.20	mg/L			08/14/15 02:11	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	160	J	200	24	ug/L		08/13/15 15:25	08/13/15 22:35	1
Calcium	61000		500	25	ug/L		08/13/15 15:25	08/13/15 22:35	1
Iron	300		50	17	ug/L		08/13/15 15:25	08/13/15 22:35	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW01_081215

Lab Sample ID: 680-115592-32

Date Collected: 08/12/15 12:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	8200		500	33	ug/L		08/13/15 15:25	08/13/15 22:35	1
Potassium	2300		1000	17	ug/L		08/13/15 15:25	08/13/15 22:35	1
Sodium	12000		1000	480	ug/L		08/13/15 15:25	08/13/15 22:35	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	58	J	200	24	ug/L		08/13/15 16:45	08/14/15 04:32	1
Calcium, Dissolved	62000		500	25	ug/L		08/13/15 16:45	08/14/15 04:32	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 16:45	08/14/15 04:32	1
Potassium, Dissolved	2300		1000	17	ug/L		08/13/15 16:45	08/14/15 04:32	1
Magnesium, Dissolved	8300		500	33	ug/L		08/13/15 16:45	08/14/15 04:32	1
Sodium, Dissolved	13000		1000	480	ug/L		08/13/15 16:45	08/14/15 04:32	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:49	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:49	1
Barium	47		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:49	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:49	1
Cadmium	0.20		0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:49	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:49	1
Cobalt	0.27	J	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:49	1
Copper	4.0		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:49	1
Lead	3.2		0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:49	1
Manganese	75		2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:49	1
Nickel	1.3		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:49	1
Selenium	0.88	J	2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:49	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:49	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:49	1
Vanadium	0.31	J	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:49	1
Zinc	33		20	2.8	ug/L		08/13/15 15:25	08/14/15 00:49	1
Molybdenum	0.81	J	1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:49	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 02:13	1
Arsenic, Dissolved	0.40	J	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 02:13	1
Barium, Dissolved	45		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 02:13	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 02:13	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/13/15 16:45	08/14/15 02:13	1
Cobalt, Dissolved	2.1		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 02:13	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 02:13	1
Copper, Dissolved	1.7		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 02:13	1
Manganese, Dissolved	59		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 02:13	1
Molybdenum, Dissolved	0.88	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 02:13	1
Nickel, Dissolved	1.3		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:13	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 16:45	08/14/15 02:13	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:13	1
Selenium, Dissolved	1.2	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 02:13	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 02:13	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW01_081215

Lab Sample ID: 680-115592-32

Date Collected: 08/12/15 12:25

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L	-	08/13/15 16:45	08/14/15 02:13	1
Zinc, Dissolved	6.9	J	20	2.8	ug/L	-	08/13/15 16:45	08/14/15 02:13	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L	-		08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 18:05	08/14/15 02:53	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	-	08/13/15 19:58	08/14/15 05:19	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.58	HF			SU	-		08/13/15 18:46	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	77		5.0	5.0	mg/L	-		08/13/15 23:09	1

Client Sample ID: GKMSW02_081215

Lab Sample ID: 680-115592-33

Date Collected: 08/12/15 10:50

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.062		0.050	0.023	mg/L	-		08/13/15 20:25	1
Sulfate	84		4.0	1.6	mg/L	-		08/13/15 21:19	4
Fluoride	0.33		0.10	0.040	mg/L	-		08/14/15 02:27	1
Chloride	1.0		0.50	0.20	mg/L	-		08/14/15 02:27	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	690		200	24	ug/L	-	08/13/15 16:45	08/14/15 04:36	1
Calcium	43000		500	25	ug/L	-	08/13/15 16:45	08/14/15 04:36	1
Iron	1000		50	17	ug/L	-	08/13/15 16:45	08/14/15 04:36	1
Magnesium	4800		500	33	ug/L	-	08/13/15 16:45	08/14/15 04:36	1
Potassium	850	J	1000	17	ug/L	-	08/13/15 16:45	08/14/15 04:36	1
Sodium	2200		1000	480	ug/L	-	08/13/15 16:45	08/14/15 04:36	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	64	J	200	24	ug/L	-	08/13/15 15:25	08/13/15 22:39	1
Calcium, Dissolved	43000		500	25	ug/L	-	08/13/15 15:25	08/13/15 22:39	1
Iron, Dissolved	17	J	50	17	ug/L	-	08/13/15 15:25	08/13/15 22:39	1
Potassium, Dissolved	810	J	1000	17	ug/L	-	08/13/15 15:25	08/13/15 22:39	1
Magnesium, Dissolved	4800		500	33	ug/L	-	08/13/15 15:25	08/13/15 22:39	1
Sodium, Dissolved	2300		1000	480	ug/L	-	08/13/15 15:25	08/13/15 22:39	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW02_081215

Lab Sample ID: 680-115592-33

Date Collected: 08/12/15 10:50

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:17	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 02:17	1
Barium	34		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 02:17	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 02:17	1
Cadmium	0.46		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 02:17	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 02:17	1
Cobalt	1.8		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 02:17	1
Copper	20		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 02:17	1
Lead	8.1		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 02:17	1
Manganese	400		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 02:17	1
Nickel	1.8		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:17	1
Selenium	0.79	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 02:17	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 02:17	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 02:17	1
Vanadium	0.31	J	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 02:17	1
Zinc	190		20	2.8	ug/L		08/13/15 16:45	08/14/15 02:17	1
Molybdenum	0.59	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 02:17	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:53	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:53	1
Barium, Dissolved	33		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:53	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:53	1
Cadmium, Dissolved	0.48		0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:53	1
Cobalt, Dissolved	3.2		0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:53	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:53	1
Copper, Dissolved	2.5		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:53	1
Manganese, Dissolved	410		2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:53	1
Molybdenum, Dissolved	0.60	J	1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:53	1
Nickel, Dissolved	2.2		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:53	1
Lead, Dissolved	0.13	J	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:53	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:53	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:53	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:53	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:53	1
Zinc, Dissolved	96		20	2.8	ug/L		08/13/15 15:25	08/14/15 00:53	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	130		3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 19:58	08/14/15 05:22	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:46	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW02_081215

Lab Sample ID: 680-115592-33

Date Collected: 08/12/15 10:50

Matrix: Water

Date Received: 08/13/15 09:23

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.77	HF			SU			08/13/15 18:42	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	34		5.0	5.0	mg/L			08/14/15 02:23	1

Client Sample ID: GKMSW05_081215

Lab Sample ID: 680-115592-34

Date Collected: 08/12/15 12:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.033	J	0.050	0.023	mg/L			08/13/15 20:40	1
Sulfate	100		4.0	1.6	mg/L			08/13/15 19:01	4
Fluoride	0.33		0.10	0.040	mg/L			08/14/15 02:42	1
Chloride	11		0.50	0.20	mg/L			08/14/15 02:42	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	130	J	200	24	ug/L		08/13/15 15:25	08/13/15 22:54	1
Calcium	62000		500	25	ug/L		08/13/15 15:25	08/13/15 22:54	1
Iron	260		50	17	ug/L		08/13/15 15:25	08/13/15 22:54	1
Magnesium	8000		500	33	ug/L		08/13/15 15:25	08/13/15 22:54	1
Potassium	2200		1000	17	ug/L		08/13/15 15:25	08/13/15 22:54	1
Sodium	12000		1000	480	ug/L		08/13/15 15:25	08/13/15 22:54	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	47	J	200	24	ug/L		08/13/15 15:25	08/13/15 22:43	1
Calcium, Dissolved	63000		500	25	ug/L		08/13/15 15:25	08/13/15 22:43	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 22:43	1
Potassium, Dissolved	2200		1000	17	ug/L		08/13/15 15:25	08/13/15 22:43	1
Magnesium, Dissolved	8000		500	33	ug/L		08/13/15 15:25	08/13/15 22:43	1
Sodium, Dissolved	12000		1000	480	ug/L		08/13/15 15:25	08/13/15 22:43	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 01:01	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 01:01	1
Barium	47		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 01:01	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 01:01	1
Cadmium	0.096	J	0.10	0.043	ug/L		08/13/15 15:25	08/14/15 01:01	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 01:01	1
Cobalt	0.31	J	0.40	0.12	ug/L		08/13/15 15:25	08/14/15 01:01	1
Copper	3.5		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 01:01	1
Lead	2.5		0.30	0.060	ug/L		08/13/15 15:25	08/14/15 01:01	1
Manganese	100		2.5	1.2	ug/L		08/13/15 15:25	08/14/15 01:01	1
Nickel	1.3		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 01:01	1
Selenium	0.93	J	2.0	0.58	ug/L		08/13/15 15:25	08/14/15 01:01	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 01:01	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 01:01	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 01:01	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW05_081215

Lab Sample ID: 680-115592-34

Date Collected: 08/12/15 12:00

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	37		20	2.8	ug/L		08/13/15 15:25	08/14/15 01:01	1
Molybdenum	0.80	J	1.0	0.45	ug/L		08/13/15 15:25	08/14/15 01:01	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/14/15 00:57	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/14/15 00:57	1
Barium, Dissolved	46		2.0	0.14	ug/L		08/13/15 15:25	08/14/15 00:57	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/14/15 00:57	1
Cadmium, Dissolved	0.10		0.10	0.043	ug/L		08/13/15 15:25	08/14/15 00:57	1
Cobalt, Dissolved	0.93		0.40	0.12	ug/L		08/13/15 15:25	08/14/15 00:57	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/14/15 00:57	1
Copper, Dissolved	1.4		1.0	0.50	ug/L		08/13/15 15:25	08/14/15 00:57	1
Manganese, Dissolved	100		2.5	1.2	ug/L		08/13/15 15:25	08/14/15 00:57	1
Molybdenum, Dissolved	0.82	J	1.0	0.45	ug/L		08/13/15 15:25	08/14/15 00:57	1
Nickel, Dissolved	1.4		1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:57	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 15:25	08/14/15 00:57	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/14/15 00:57	1
Selenium, Dissolved	0.90	J	2.0	0.58	ug/L		08/13/15 15:25	08/14/15 00:57	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/14/15 00:57	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/14/15 00:57	1
Zinc, Dissolved	23		20	2.8	ug/L		08/13/15 15:25	08/14/15 00:57	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L			08/14/15 10:18	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:34	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 02:43	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.00	HF			SU			08/13/15 18:38	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	78		5.0	5.0	mg/L			08/14/15 02:30	1

Client Sample ID: GKMSW04_081215

Lab Sample ID: 680-115592-35

Date Collected: 08/12/15 11:30

Matrix: Water

Date Received: 08/13/15 09:23

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.059		0.050	0.023	mg/L			08/13/15 20:56	1
Sulfate	100		4.0	1.6	mg/L			08/13/15 19:16	4
Fluoride	0.33		0.10	0.040	mg/L			08/14/15 02:58	1
Chloride	11		0.50	0.20	mg/L			08/14/15 02:58	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	170	J	200	24	ug/L		08/13/15 16:45	08/14/15 04:40	1
Calcium	61000		500	25	ug/L		08/13/15 16:45	08/14/15 04:40	1
Iron	510		50	17	ug/L		08/13/15 16:45	08/14/15 04:40	1
Magnesium	7800		500	33	ug/L		08/13/15 16:45	08/14/15 04:40	1
Potassium	2200		1000	17	ug/L		08/13/15 16:45	08/14/15 04:40	1
Sodium	12000		1000	480	ug/L		08/13/15 16:45	08/14/15 04:40	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/13/15 16:45	08/14/15 04:44	1
Calcium, Dissolved	63000		500	25	ug/L		08/13/15 16:45	08/14/15 04:44	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 16:45	08/14/15 04:44	1
Potassium, Dissolved	2300		1000	17	ug/L		08/13/15 16:45	08/14/15 04:44	1
Magnesium, Dissolved	8000		500	33	ug/L		08/13/15 16:45	08/14/15 04:44	1
Sodium, Dissolved	12000		1000	480	ug/L		08/13/15 16:45	08/14/15 04:44	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:21	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 02:21	1
Barium	46		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 02:21	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 02:21	1
Cadmium	0.079	J	0.10	0.043	ug/L		08/13/15 16:45	08/14/15 02:21	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 02:21	1
Cobalt	0.41		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 02:21	1
Copper	5.5		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 02:21	1
Lead	3.9		0.30	0.060	ug/L		08/13/15 16:45	08/14/15 02:21	1
Manganese	130		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 02:21	1
Nickel	1.3		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:21	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 02:21	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 02:21	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 02:21	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 02:21	1
Zinc	64		20	2.8	ug/L		08/13/15 16:45	08/14/15 02:21	1
Molybdenum	0.80	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 02:21	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 02:25	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 02:25	1
Barium, Dissolved	45		2.0	0.14	ug/L		08/13/15 16:45	08/14/15 02:25	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 02:25	1
Cadmium, Dissolved	0.12		0.10	0.043	ug/L		08/13/15 16:45	08/14/15 02:25	1
Cobalt, Dissolved	2.0		0.40	0.12	ug/L		08/13/15 16:45	08/14/15 02:25	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 02:25	1
Copper, Dissolved	1.5		1.0	0.50	ug/L		08/13/15 16:45	08/14/15 02:25	1
Manganese, Dissolved	130		2.5	1.2	ug/L		08/13/15 16:45	08/14/15 02:25	1
Molybdenum, Dissolved	0.80	J	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 02:25	1
Nickel, Dissolved	1.3		1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:25	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 16:45	08/14/15 02:25	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 02:25	1
Selenium, Dissolved	0.86	J B	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 02:25	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 02:25	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 02:25	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW04_081215

Lab Sample ID: 680-115592-35

Date Collected: 08/12/15 11:30

Matrix: Water

Date Received: 08/13/15 09:23

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc, Dissolved	50		20	2.8	ug/L	—	08/13/15 16:45	08/14/15 02:25	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L	—		08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	—	08/13/15 19:58	08/14/15 05:25	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	—	08/13/15 19:58	08/14/15 05:28	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.73	HF			SU	—		08/13/15 18:18	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	76		5.0	5.0	mg/L	—		08/14/15 01:56	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-396020/2
Matrix: Water
Analysis Batch: 396020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			08/13/15 09:28	1

Lab Sample ID: LCS 680-396020/3
Matrix: Water
Analysis Batch: 396020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.95		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-396020/4
Matrix: Water
Analysis Batch: 396020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	9.98		mg/L		100	90 - 110	0	30

Lab Sample ID: 680-115592-19 MS
Matrix: Water
Analysis Batch: 396020

Client Sample ID: GKMSW13_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1400	E	40.0	1390	E 4	mg/L		89	80 - 120

Lab Sample ID: 680-115592-19 MSD
Matrix: Water
Analysis Batch: 396020

Client Sample ID: GKMSW13_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1400	E	40.0	1390	E 4	mg/L		79	80 - 120	0	30

Lab Sample ID: 680-115592-19 DU
Matrix: Water
Analysis Batch: 396020

Client Sample ID: GKMSW13_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	1400	E	1360	E	mg/L		0.6	30

Lab Sample ID: MB 680-396071/29
Matrix: Water
Analysis Batch: 396071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L			08/13/15 16:03	1

Lab Sample ID: LCS 680-396071/30
Matrix: Water
Analysis Batch: 396071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	0.999	1.01		mg/L		101	90 - 110

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Lab Sample ID: LCSD 680-396071/31
Matrix: Water
Analysis Batch: 396071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.999	1.01		mg/L		101	90 - 110	0	30

Lab Sample ID: 680-115592-13 MS
Matrix: Water
Analysis Batch: 396071

Client Sample ID: A72_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.057		0.999	1.09		mg/L		103	80 - 120		

Lab Sample ID: 680-115592-13 MSD
Matrix: Water
Analysis Batch: 396071

Client Sample ID: A72_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.057		0.999	1.10		mg/L		104	80 - 120	1	30

Lab Sample ID: 680-115592-35 MS
Matrix: Water
Analysis Batch: 396071

Client Sample ID: GKMSW04_081215
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.059		0.999	1.09		mg/L		103	80 - 120		

Lab Sample ID: 680-115592-35 MSD
Matrix: Water
Analysis Batch: 396071

Client Sample ID: GKMSW04_081215
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.059		0.999	1.09		mg/L		104	80 - 120	0	30

Lab Sample ID: 680-115592-13 DU
Matrix: Water
Analysis Batch: 396071

Client Sample ID: A72_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.057		0.0564		mg/L		1	30

Lab Sample ID: 680-115592-35 DU
Matrix: Water
Analysis Batch: 396071

Client Sample ID: GKMSW04_081215
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.059		0.0575		mg/L		3	30

Lab Sample ID: MB 680-396118/2
Matrix: Water
Analysis Batch: 396118

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			08/14/15 08:18	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-396118/3
Matrix: Water
Analysis Batch: 396118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.82		mg/L		98	90 - 110

Lab Sample ID: LCSD 680-396118/4
Matrix: Water
Analysis Batch: 396118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	9.83		mg/L		98	90 - 110	0	30

Lab Sample ID: 680-115592-19 MS
Matrix: Water
Analysis Batch: 396118

Client Sample ID: GKMSW13_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1400		500	1870		mg/L		94	80 - 120

Lab Sample ID: 680-115592-19 MSD
Matrix: Water
Analysis Batch: 396118

Client Sample ID: GKMSW13_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1400		500	1870		mg/L		94	80 - 120	0	30

Lab Sample ID: 680-115592-19 DU
Matrix: Water
Analysis Batch: 396118

Client Sample ID: GKMSW13_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	1400		1410		mg/L		0.9	30

Lab Sample ID: MB 680-396121/39
Matrix: Water
Analysis Batch: 396121

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			08/13/15 22:05	1
Fluoride	0.040	U	0.10	0.040	mg/L			08/13/15 22:05	1
Chloride	0.20	U	0.50	0.20	mg/L			08/13/15 22:05	1

Lab Sample ID: LCS 680-396121/40
Matrix: Water
Analysis Batch: 396121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.86		mg/L		99	90 - 110
Fluoride	2.00	2.06		mg/L		103	90 - 110
Chloride	10.0	10.0		mg/L		100	90 - 110

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-396121/41
Matrix: Water
Analysis Batch: 396121

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	9.83		mg/L		98	90 - 110	0	30
Fluoride	2.00	2.06		mg/L		103	90 - 110	0	30
Chloride	10.0	10.0		mg/L		100	90 - 110	0	30

Lab Sample ID: 680-115592-12 MS
Matrix: Water
Analysis Batch: 396121

Client Sample ID: A68_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	86	E	10.0	94.5	E 4	mg/L		89	80 - 120		
Fluoride	0.45		2.00	2.43		mg/L		99	80 - 120		
Chloride	0.46	J	10.0	10.3		mg/L		98	80 - 120		

Lab Sample ID: 680-115592-12 MS
Matrix: Water
Analysis Batch: 396121

Client Sample ID: A68_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	83		40.0	120		mg/L		95	80 - 120		
Fluoride	0.40		8.00	8.13		mg/L		97	80 - 120		
Chloride	0.80	U	40.0	38.9		mg/L		97	80 - 120		

Lab Sample ID: 680-115592-12 MSD
Matrix: Water
Analysis Batch: 396121

Client Sample ID: A68_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	86	E	10.0	94.7	E 4	mg/L		91	80 - 120	0	30
Fluoride	0.45		2.00	2.44		mg/L		100	80 - 120	0	30
Chloride	0.46	J	10.0	10.4		mg/L		99	80 - 120	1	30

Lab Sample ID: 680-115592-12 MSD
Matrix: Water
Analysis Batch: 396121

Client Sample ID: A68_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	83		40.0	121		mg/L		95	80 - 120	0	30
Fluoride	0.40		8.00	8.17		mg/L		97	80 - 120	1	30
Chloride	0.80	U	40.0	39.1		mg/L		98	80 - 120	0	30

Lab Sample ID: 680-115592-12 DU
Matrix: Water
Analysis Batch: 396121

Client Sample ID: A68_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.45		0.444		mg/L				0.5	30
Chloride	0.46	J	0.457	J	mg/L				0.1	30

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-115592-12 DU
Matrix: Water
Analysis Batch: 396121

Client Sample ID: A68_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Sulfate	83		82.5		mg/L		0.2	30

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-396011/1-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 01:23	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/13/15 14:48	08/14/15 01:23	1
Calcium	25	U	500	25	ug/L		08/13/15 14:48	08/14/15 01:23	1
Calcium, Dissolved	25	U	500	25	ug/L		08/13/15 14:48	08/14/15 01:23	1
Iron	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 01:23	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 14:48	08/14/15 01:23	1
Magnesium	33	U	500	33	ug/L		08/13/15 14:48	08/14/15 01:23	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/13/15 14:48	08/14/15 01:23	1
Potassium	17	U	1000	17	ug/L		08/13/15 14:48	08/14/15 01:23	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/13/15 14:48	08/14/15 01:23	1
Sodium	480	U	1000	480	ug/L		08/13/15 14:48	08/14/15 01:23	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/13/15 14:48	08/14/15 01:23	1

Lab Sample ID: LCS 680-396011/2-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396011
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	2000	2150		ug/L		107	85 - 115
Aluminum, Dissolved	2000	2150		ug/L		107	85 - 115
Calcium	2000	2240		ug/L		112	85 - 115
Calcium, Dissolved	2000	2240		ug/L		112	85 - 115
Iron	2000	2100		ug/L		105	85 - 115
Iron, Dissolved	2000	2100		ug/L		105	85 - 115
Magnesium	2000	2090		ug/L		105	85 - 115
Magnesium, Dissolved	2000	2090		ug/L		105	85 - 115
Potassium	2000	2250		ug/L		113	85 - 115
Potassium, Dissolved	2000	2250		ug/L		113	85 - 115
Sodium	2000	2210		ug/L		110	85 - 115
Sodium, Dissolved	2000	2210		ug/L		110	85 - 115

Lab Sample ID: 680-115592-1 MS
Matrix: Water
Analysis Batch: 396143

Client Sample ID: GKMTW103_081215
Prep Type: Total/NA
Prep Batch: 396011
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	24	U	2000	2180		ug/L		109	75 - 125
Calcium	58000		2000	55900	4	ug/L		-104	75 - 125
Iron	17	U	2000	2140		ug/L		107	75 - 125

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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115592-1 MS

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW103_081215

Prep Type: Total/NA

Prep Batch: 396011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	9900		2000	11300	4	ug/L		70	75 - 125
Potassium	1100		2000	3460		ug/L		119	75 - 125
Sodium	120000	E	2000	111000	E 4	ug/L		-311	75 - 125

Lab Sample ID: 680-115592-1 MSD

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW103_081215

Prep Type: Total/NA

Prep Batch: 396011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	24	U	2000	2150		ug/L		107	75 - 125	2	20
Calcium	58000		2000	56100	4	ug/L		-93	75 - 125	0	20
Iron	17	U	2000	2110		ug/L		105	75 - 125	1	20
Magnesium	9900		2000	11300	4	ug/L		70	75 - 125	0	20
Potassium	1100		2000	3430		ug/L		118	75 - 125	1	20
Sodium	120000	E	2000	111000	E 4	ug/L		-302	75 - 125	0	20

Lab Sample ID: 680-115592-2 MS

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24	U	2000	2150		ug/L		107	75 - 125
Aluminum, Dissolved	24	U	2000	2150		ug/L		107	75 - 125
Calcium	5100		2000	7260		ug/L		107	75 - 125
Calcium, Dissolved	5100		2000	7260		ug/L		107	75 - 125
Iron	17	U	2000	2120		ug/L		106	75 - 125
Iron, Dissolved	17	U	2000	2120		ug/L		106	75 - 125
Magnesium	62	J	2000	2160		ug/L		105	75 - 125
Magnesium, Dissolved	62	J	2000	2160		ug/L		105	75 - 125
Potassium	370	J	2000	2830		ug/L		123	75 - 125
Potassium, Dissolved	370	J	2000	2830		ug/L		123	75 - 125
Sodium	190000	E	2000	190000	E 4	ug/L		1	75 - 125
Sodium, Dissolved	190000	E	2000	190000	E 4	ug/L		1	75 - 125

Lab Sample ID: 680-115592-2 MSD

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	24	U	2000	2100		ug/L		105	75 - 125	2	20
Aluminum, Dissolved	24	U	2000	2100		ug/L		105	75 - 125	2	20
Calcium	5100		2000	7030		ug/L		96	75 - 125	3	20
Calcium, Dissolved	5100		2000	7030		ug/L		96	75 - 125	3	20
Iron	17	U	2000	2070		ug/L		104	75 - 125	2	20
Iron, Dissolved	17	U	2000	2070		ug/L		104	75 - 125	2	20
Magnesium	62	J	2000	2110		ug/L		102	75 - 125	2	20
Magnesium, Dissolved	62	J	2000	2110		ug/L		102	75 - 125	2	20
Potassium	370	J	2000	2730		ug/L		118	75 - 125	3	20
Potassium, Dissolved	370	J	2000	2730		ug/L		118	75 - 125	3	20

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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115592-2 MSD

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sodium	190000	E	2000	182000	E 4	ug/L		-394	75 - 125	4	20
Sodium, Dissolved	190000	E	2000	182000	E 4	ug/L		-394	75 - 125	4	20

Lab Sample ID: MB 680-396016/1-A

Matrix: Water

Analysis Batch: 396143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396016

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 21:16	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/13/15 15:25	08/13/15 21:16	1
Calcium	25	U	500	25	ug/L		08/13/15 15:25	08/13/15 21:16	1
Calcium, Dissolved	25	U	500	25	ug/L		08/13/15 15:25	08/13/15 21:16	1
Iron	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 21:16	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 15:25	08/13/15 21:16	1
Magnesium	33	U	500	33	ug/L		08/13/15 15:25	08/13/15 21:16	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/13/15 15:25	08/13/15 21:16	1
Potassium	17	U	1000	17	ug/L		08/13/15 15:25	08/13/15 21:16	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/13/15 15:25	08/13/15 21:16	1
Sodium	480	U	1000	480	ug/L		08/13/15 15:25	08/13/15 21:16	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/13/15 15:25	08/13/15 21:16	1

Lab Sample ID: LCS 680-396016/2-A

Matrix: Water

Analysis Batch: 396143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2090		ug/L		105	85 - 115
Aluminum, Dissolved	2000	2090		ug/L		105	85 - 115
Calcium	2000	2180		ug/L		109	85 - 115
Calcium, Dissolved	2000	2180		ug/L		109	85 - 115
Iron	2000	2050		ug/L		103	85 - 115
Iron, Dissolved	2000	2050		ug/L		103	85 - 115
Magnesium	2000	2030		ug/L		102	85 - 115
Magnesium, Dissolved	2000	2030		ug/L		102	85 - 115
Potassium	2000	2170		ug/L		109	85 - 115
Potassium, Dissolved	2000	2170		ug/L		109	85 - 115
Sodium	2000	2150		ug/L		107	85 - 115
Sodium, Dissolved	2000	2150		ug/L		107	85 - 115

Lab Sample ID: 680-115592-25 MS

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW201_081115

Prep Type: Total/NA

Prep Batch: 396016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24	U	2000	2140		ug/L		107	75 - 125
Calcium	170000		2000	164000	4	ug/L		-104	75 - 125
Iron	17	J	2000	2080		ug/L		104	75 - 125
Magnesium	87000		2000	87300	4	ug/L		2	75 - 125
Potassium	3600		2000	6030		ug/L		124	75 - 125

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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115592-25 MS

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW201_081115

Prep Type: Total/NA

Prep Batch: 396016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	150000	E	2000	150000	E 4	ug/L		-80	75 - 125

Lab Sample ID: 680-115592-25 MSD

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW201_081115

Prep Type: Total/NA

Prep Batch: 396016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	24	U	2000	2120		ug/L		106	75 - 125	1	20
Calcium	170000		2000	162000	4	ug/L		-174	75 - 125	1	20
Iron	17	J	2000	2070		ug/L		103	75 - 125	1	20
Magnesium	87000		2000	86400	4	ug/L		-44	75 - 125	1	20
Potassium	3600		2000	5940		ug/L		119	75 - 125	2	20
Sodium	150000	E	2000	148000	E 4	ug/L		-159	75 - 125	1	20

Lab Sample ID: 680-115592-26 MS

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW202_081115

Prep Type: Total/NA

Prep Batch: 396016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24	U	2000	2110		ug/L		106	75 - 125
Aluminum, Dissolved	24	U	2000	2110		ug/L		106	75 - 125
Calcium	4800		2000	6960		ug/L		109	75 - 125
Calcium, Dissolved	4800		2000	6960		ug/L		109	75 - 125
Iron	120		2000	2090		ug/L		98	75 - 125
Iron, Dissolved	120		2000	2090		ug/L		98	75 - 125
Magnesium	38	J	2000	2070		ug/L		102	75 - 125
Magnesium, Dissolved	38	J	2000	2070		ug/L		102	75 - 125
Potassium	320	J	2000	2700		ug/L		119	75 - 125
Potassium, Dissolved	320	J	2000	2700		ug/L		119	75 - 125
Sodium	190000	E	2000	196000	E 4	ug/L		173	75 - 125
Sodium, Dissolved	190000	E	2000	196000	E 4	ug/L		173	75 - 125

Lab Sample ID: 680-115592-26 MSD

Matrix: Water

Analysis Batch: 396143

Client Sample ID: GKMTW202_081115

Prep Type: Total/NA

Prep Batch: 396016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	24	U	2000	2180		ug/L		109	75 - 125	3	20
Aluminum, Dissolved	24	U	2000	2180		ug/L		109	75 - 125	3	20
Calcium	4800		2000	7040		ug/L		113	75 - 125	1	20
Calcium, Dissolved	4800		2000	7040		ug/L		113	75 - 125	1	20
Iron	120		2000	2150		ug/L		101	75 - 125	3	20
Iron, Dissolved	120		2000	2150		ug/L		101	75 - 125	3	20
Magnesium	38	J	2000	2140		ug/L		105	75 - 125	3	20
Magnesium, Dissolved	38	J	2000	2140		ug/L		105	75 - 125	3	20
Potassium	320	J	2000	2760		ug/L		122	75 - 125	2	20
Potassium, Dissolved	320	J	2000	2760		ug/L		122	75 - 125	2	20
Sodium	190000	E	2000	197000	E 4	ug/L		229	75 - 125	1	20
Sodium, Dissolved	190000	E	2000	197000	E 4	ug/L		229	75 - 125	1	20

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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Lab Sample ID: MB 680-396048/1-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396048

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/13/15 16:45	08/14/15 03:41	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/13/15 16:45	08/14/15 03:41	1
Calcium	25	U	500	25	ug/L		08/13/15 16:45	08/14/15 03:41	1
Calcium, Dissolved	25	U	500	25	ug/L		08/13/15 16:45	08/14/15 03:41	1
Iron	17	U	50	17	ug/L		08/13/15 16:45	08/14/15 03:41	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 16:45	08/14/15 03:41	1
Magnesium	33	U	500	33	ug/L		08/13/15 16:45	08/14/15 03:41	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/13/15 16:45	08/14/15 03:41	1
Potassium	17	U	1000	17	ug/L		08/13/15 16:45	08/14/15 03:41	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/13/15 16:45	08/14/15 03:41	1
Sodium	480	U	1000	480	ug/L		08/13/15 16:45	08/14/15 03:41	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/13/15 16:45	08/14/15 03:41	1

Lab Sample ID: LCS 680-396048/2-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	2080		ug/L		104	85 - 115
Aluminum, Dissolved	2000	2080		ug/L		104	85 - 115
Calcium	2000	2170		ug/L		108	85 - 115
Calcium, Dissolved	2000	2170		ug/L		108	85 - 115
Iron	2000	2040		ug/L		102	85 - 115
Iron, Dissolved	2000	2040		ug/L		102	85 - 115
Magnesium	2000	2030		ug/L		102	85 - 115
Magnesium, Dissolved	2000	2030		ug/L		102	85 - 115
Potassium	2000	2180		ug/L		109	85 - 115
Potassium, Dissolved	2000	2180		ug/L		109	85 - 115
Sodium	2000	2240		ug/L		112	85 - 115
Sodium, Dissolved	2000	2240		ug/L		112	85 - 115

Lab Sample ID: MB 680-396070/1-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/13/15 18:32	08/14/15 08:33	1
Calcium, Dissolved	25	U	500	25	ug/L		08/13/15 18:32	08/14/15 08:33	1
Iron, Dissolved	17	U	50	17	ug/L		08/13/15 18:32	08/14/15 08:33	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/13/15 18:32	08/14/15 08:33	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/13/15 18:32	08/14/15 08:33	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/13/15 18:32	08/14/15 08:33	1

Lab Sample ID: LCS 680-396070/2-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum, Dissolved	2000	2050		ug/L		103	85 - 115
Calcium, Dissolved	2000	2130		ug/L		107	85 - 115
Iron, Dissolved	2000	2000		ug/L		100	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-396070/2-A
Matrix: Water
Analysis Batch: 396143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396070
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Magnesium, Dissolved	2000	2000		ug/L		100	85 - 115
Potassium, Dissolved	2000	2200		ug/L		110	85 - 115
Sodium, Dissolved	2000	2090		ug/L		104	85 - 115

Lab Sample ID: 680-115592-15 MS
Matrix: Water
Analysis Batch: 396143

Client Sample ID: GKMSW01_081115
Prep Type: Dissolved
Prep Batch: 396070
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum, Dissolved	66	J	2000	2210		ug/L		107	75 - 125
Calcium, Dissolved	61000		2000	63200	4	ug/L		111	75 - 125
Iron, Dissolved	17	U	2000	2100		ug/L		105	75 - 125
Magnesium, Dissolved	8300		2000	10500	4	ug/L		107	75 - 125
Potassium, Dissolved	2400		2000	4780		ug/L		120	75 - 125
Sodium, Dissolved	13000		2000	15300	4	ug/L		124	75 - 125

Lab Sample ID: 680-115592-15 MSD
Matrix: Water
Analysis Batch: 396143

Client Sample ID: GKMSW01_081115
Prep Type: Dissolved
Prep Batch: 396070
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum, Dissolved	66	J	2000	2220		ug/L		108	75 - 125	0	20
Calcium, Dissolved	61000		2000	63300	4	ug/L		115	75 - 125	0	20
Iron, Dissolved	17	U	2000	2110		ug/L		106	75 - 125	0	20
Magnesium, Dissolved	8300		2000	10500	4	ug/L		109	75 - 125	0	20
Potassium, Dissolved	2400		2000	4810		ug/L		122	75 - 125	1	20
Sodium, Dissolved	13000		2000	15100	4	ug/L		115	75 - 125	1	20

Lab Sample ID: 680-115592-15 DU
Matrix: Water
Analysis Batch: 396143

Client Sample ID: GKMSW01_081115
Prep Type: Dissolved
Prep Batch: 396070
RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum, Dissolved	66	J	67.4	J	ug/L		3	20
Calcium, Dissolved	61000		60800		ug/L		0.3	20
Iron, Dissolved	17	U	17	U	ug/L		NC	20
Magnesium, Dissolved	8300		8350		ug/L		0.07	20
Potassium, Dissolved	2400		2380		ug/L		0.4	20
Sodium, Dissolved	13000		12700		ug/L		0.4	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-396003/1-A
Matrix: Water
Analysis Batch: 396123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 21:15	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 14:48	08/13/15 21:15	1

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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-396003/1-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.14	U	2.0	0.14	ug/L		08/13/15 14:48	08/13/15 21:15	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/13/15 14:48	08/13/15 21:15	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 21:15	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 14:48	08/13/15 21:15	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 21:15	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/13/15 14:48	08/13/15 21:15	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 21:15	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 14:48	08/13/15 21:15	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 21:15	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/13/15 14:48	08/13/15 21:15	1
Copper	0.50	U	1.0	0.50	ug/L		08/13/15 14:48	08/13/15 21:15	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/13/15 14:48	08/13/15 21:15	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 21:15	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/13/15 14:48	08/13/15 21:15	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:15	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:15	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 21:15	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 14:48	08/13/15 21:15	1
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:15	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 14:48	08/13/15 21:15	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 21:15	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 14:48	08/13/15 21:15	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 21:15	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 14:48	08/13/15 21:15	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 21:15	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 14:48	08/13/15 21:15	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 21:15	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 14:48	08/13/15 21:15	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/13/15 14:48	08/13/15 21:15	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/13/15 14:48	08/13/15 21:15	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 14:48	08/13/15 21:15	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/13/15 14:48	08/13/15 21:15	1

Lab Sample ID: LCS 680-396003/2-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	40.0	40.1		ug/L		100	85 - 115
Arsenic, Dissolved	40.0	40.1		ug/L		100	85 - 115
Barium	40.0	40.1		ug/L		100	85 - 115
Barium, Dissolved	40.0	40.1		ug/L		100	85 - 115
Beryllium	20.0	21.2		ug/L		106	85 - 115
Beryllium, Dissolved	20.0	21.2		ug/L		106	85 - 115
Cadmium	20.0	20.0		ug/L		100	85 - 115
Cadmium, Dissolved	20.0	20.0		ug/L		100	85 - 115
Chromium	40.0	39.5		ug/L		99	85 - 115
Chromium, Dissolved	40.0	39.5		ug/L		99	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-396003/2-A
Matrix: Water
Analysis Batch: 396123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396003
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Cobalt	20.0	22.0		ug/L		110	85 - 115
Cobalt, Dissolved	20.0	22.0		ug/L		110	85 - 115
Copper	40.0	42.8		ug/L		107	85 - 115
Copper, Dissolved	40.0	42.8		ug/L		107	85 - 115
Manganese	200	202		ug/L		101	85 - 115
Manganese, Dissolved	200	202		ug/L		101	85 - 115
Nickel	40.0	42.1		ug/L		105	85 - 115
Nickel, Dissolved	40.0	42.1		ug/L		105	85 - 115
Lead	200	193		ug/L		96	85 - 115
Lead, Dissolved	200	193		ug/L		96	85 - 115
Antimony	20.0	20.7		ug/L		103	85 - 115
Antimony, Dissolved	20.0	20.7		ug/L		103	85 - 115
Silver	20.0	19.9		ug/L		99	85 - 115
Silver, Dissolved	20.0	19.9		ug/L		99	85 - 115
Selenium	40.0	40.6		ug/L		101	85 - 115
Selenium, Dissolved	40.0	40.6		ug/L		101	85 - 115
Thallium	16.0	16.8		ug/L		105	85 - 115
Thallium, Dissolved	16.0	16.8		ug/L		105	85 - 115
Vanadium	40.0	40.6		ug/L		101	85 - 115
Vanadium, Dissolved	40.0	40.6		ug/L		101	85 - 115
Molybdenum	40.0	40.7		ug/L		102	85 - 115
Molybdenum, Dissolved	40.0	40.7		ug/L		102	85 - 115
Zinc	40.0	40.5		ug/L		101	85 - 115
Zinc, Dissolved	40.0	40.5		ug/L		101	85 - 115

Lab Sample ID: 680-115592-1 MS
Matrix: Water
Analysis Batch: 396123

Client Sample ID: GKMTW103_081215
Prep Type: Total/NA
Prep Batch: 396003
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.7		40.0	44.7		ug/L		107	70 - 130
Barium	97		40.0	128		ug/L		78	70 - 130
Beryllium	0.15	U	20.0	21.6		ug/L		108	70 - 130
Cadmium	0.043	U	20.0	20.3		ug/L		102	70 - 130
Chromium	1.0	U	40.0	40.2		ug/L		101	70 - 130
Cobalt	0.15	J	20.0	22.1		ug/L		110	70 - 130
Copper	5.1		40.0	46.2		ug/L		103	70 - 130
Manganese	3.0		200	207		ug/L		102	70 - 130
Nickel	0.74	J	40.0	42.0		ug/L		103	70 - 130
Lead	0.44		200	185		ug/L		92	70 - 130
Antimony	0.40	U	20.0	22.1		ug/L		111	70 - 130
Silver	0.10	U	20.0	19.5		ug/L		97	70 - 130
Selenium	2.3		40.0	45.0		ug/L		107	70 - 130
Thallium	0.10	U	16.0	16.2		ug/L		102	70 - 130
Vanadium	0.30	U	40.0	43.0		ug/L		107	70 - 130
Molybdenum	5.1		40.0	47.4		ug/L		106	70 - 130
Zinc	10	J	40.0	51.5		ug/L		104	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-1 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW103_081215

Prep Type: Total/NA

Prep Batch: 396003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.7		40.0	43.7		ug/L		105	70 - 130	2	20
Barium	97		40.0	130		ug/L		82	70 - 130	1	20
Beryllium	0.15	U	20.0	21.4		ug/L		107	70 - 130	1	20
Cadmium	0.043	U	20.0	20.0		ug/L		100	70 - 130	2	20
Chromium	1.0	U	40.0	40.1		ug/L		100	70 - 130	0	20
Cobalt	0.15	J	20.0	21.9		ug/L		109	70 - 130	1	20
Copper	5.1		40.0	45.9		ug/L		102	70 - 130	0	20
Manganese	3.0		200	204		ug/L		100	70 - 130	1	20
Nickel	0.74	J	40.0	41.3		ug/L		101	70 - 130	2	20
Lead	0.44		200	184		ug/L		92	70 - 130	0	20
Antimony	0.40	U	20.0	21.7		ug/L		108	70 - 130	2	20
Silver	0.10	U	20.0	19.2		ug/L		96	70 - 130	2	20
Selenium	2.3		40.0	43.0		ug/L		102	70 - 130	4	20
Thallium	0.10	U	16.0	16.1		ug/L		101	70 - 130	1	20
Vanadium	0.30	U	40.0	42.6		ug/L		107	70 - 130	1	20
Molybdenum	5.1		40.0	46.9		ug/L		105	70 - 130	1	20
Zinc	10	J	40.0	49.7		ug/L		99	70 - 130	3	20

Lab Sample ID: 680-115592-2 MS

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.1		40.0	47.7		ug/L		104	70 - 130		
Arsenic, Dissolved	6.1		40.0	47.7		ug/L		104	70 - 130		
Barium	45		40.0	83.3		ug/L		97	70 - 130		
Barium, Dissolved	45		40.0	83.3		ug/L		97	70 - 130		
Beryllium	0.15	U	20.0	21.3		ug/L		106	70 - 130		
Beryllium, Dissolved	0.15	U	20.0	21.3		ug/L		106	70 - 130		
Cadmium	0.043	U	20.0	19.9		ug/L		100	70 - 130		
Cadmium, Dissolved	0.043	U	20.0	19.9		ug/L		100	70 - 130		
Chromium	1.0	U	40.0	39.0		ug/L		97	70 - 130		
Chromium, Dissolved	1.0	U	40.0	39.0		ug/L		97	70 - 130		
Cobalt	0.12	U	20.0	21.4		ug/L		107	70 - 130		
Cobalt, Dissolved	0.12	U	20.0	21.4		ug/L		107	70 - 130		
Copper	3.9		40.0	45.1		ug/L		103	70 - 130		
Copper, Dissolved	3.9		40.0	45.1		ug/L		103	70 - 130		
Manganese	4.5		200	202		ug/L		99	70 - 130		
Manganese, Dissolved	4.5		200	202		ug/L		99	70 - 130		
Nickel	0.40	U	40.0	40.6		ug/L		102	70 - 130		
Nickel, Dissolved	0.40	U	40.0	40.6		ug/L		102	70 - 130		
Lead	0.060	U	200	184		ug/L		92	70 - 130		
Lead, Dissolved	0.060	U	200	184		ug/L		92	70 - 130		
Antimony	0.40	U	20.0	21.4		ug/L		107	70 - 130		
Antimony, Dissolved	0.40	U	20.0	21.4		ug/L		107	70 - 130		
Silver	0.10	U	20.0	19.3		ug/L		96	70 - 130		
Silver, Dissolved	0.10	U	20.0	19.3		ug/L		96	70 - 130		
Selenium	0.58	U	40.0	43.0		ug/L		108	70 - 130		

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-2 MS

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium, Dissolved	0.58	U	40.0	43.0		ug/L		108	70 - 130
Thallium	0.10	U	16.0	15.9		ug/L		99	70 - 130
Thallium, Dissolved	0.10	U	16.0	15.9		ug/L		99	70 - 130
Vanadium	0.30	U	40.0	41.0		ug/L		102	70 - 130
Vanadium, Dissolved	0.30	U	40.0	41.0		ug/L		102	70 - 130
Molybdenum	16		40.0	57.3		ug/L		103	70 - 130
Molybdenum, Dissolved	16		40.0	57.3		ug/L		103	70 - 130
Zinc	7.3	J	40.0	47.9		ug/L		102	70 - 130
Zinc, Dissolved	7.3	J	40.0	47.9		ug/L		102	70 - 130

Lab Sample ID: 680-115592-2 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	6.1		40.0	46.5		ug/L		101	70 - 130	2	20
Arsenic, Dissolved	6.1		40.0	46.5		ug/L		101	70 - 130	2	20
Barium	45		40.0	82.1		ug/L		94	70 - 130	1	20
Barium, Dissolved	45		40.0	82.1		ug/L		94	70 - 130	1	20
Beryllium	0.15	U	20.0	20.9		ug/L		105	70 - 130	2	20
Beryllium, Dissolved	0.15	U	20.0	20.9		ug/L		105	70 - 130	2	20
Cadmium	0.043	U	20.0	19.7		ug/L		98	70 - 130	1	20
Cadmium, Dissolved	0.043	U	20.0	19.7		ug/L		98	70 - 130	1	20
Chromium	1.0	U	40.0	38.4		ug/L		96	70 - 130	1	20
Chromium, Dissolved	1.0	U	40.0	38.4		ug/L		96	70 - 130	1	20
Cobalt	0.12	U	20.0	21.2		ug/L		106	70 - 130	1	20
Cobalt, Dissolved	0.12	U	20.0	21.2		ug/L		106	70 - 130	1	20
Copper	3.9		40.0	44.7		ug/L		102	70 - 130	1	20
Copper, Dissolved	3.9		40.0	44.7		ug/L		102	70 - 130	1	20
Manganese	4.5		200	198		ug/L		97	70 - 130	2	20
Manganese, Dissolved	4.5		200	198		ug/L		97	70 - 130	2	20
Nickel	0.40	U	40.0	40.1		ug/L		100	70 - 130	1	20
Nickel, Dissolved	0.40	U	40.0	40.1		ug/L		100	70 - 130	1	20
Lead	0.060	U	200	182		ug/L		91	70 - 130	2	20
Lead, Dissolved	0.060	U	200	182		ug/L		91	70 - 130	2	20
Antimony	0.40	U	20.0	21.2		ug/L		106	70 - 130	1	20
Antimony, Dissolved	0.40	U	20.0	21.2		ug/L		106	70 - 130	1	20
Silver	0.10	U	20.0	19.1		ug/L		96	70 - 130	1	20
Silver, Dissolved	0.10	U	20.0	19.1		ug/L		96	70 - 130	1	20
Selenium	0.58	U	40.0	41.4		ug/L		103	70 - 130	4	20
Selenium, Dissolved	0.58	U	40.0	41.4		ug/L		103	70 - 130	4	20
Thallium	0.10	U	16.0	15.9		ug/L		99	70 - 130	0	20
Thallium, Dissolved	0.10	U	16.0	15.9		ug/L		99	70 - 130	0	20
Vanadium	0.30	U	40.0	40.4		ug/L		101	70 - 130	1	20
Vanadium, Dissolved	0.30	U	40.0	40.4		ug/L		101	70 - 130	1	20
Molybdenum	16		40.0	57.2		ug/L		103	70 - 130	0	20
Molybdenum, Dissolved	16		40.0	57.2		ug/L		103	70 - 130	0	20
Zinc	7.3	J	40.0	47.2		ug/L		100	70 - 130	2	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-2 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW108_081215

Prep Type: Total/NA

Prep Batch: 396003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc, Dissolved	7.3	J	40.0	47.2		ug/L		100	70 - 130	2	20

Lab Sample ID: MB 680-396015/1-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/13/15 23:36	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 15:25	08/13/15 23:36	1
Barium	0.14	U	2.0	0.14	ug/L		08/13/15 15:25	08/13/15 23:36	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/13/15 15:25	08/13/15 23:36	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/13/15 23:36	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 15:25	08/13/15 23:36	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/13/15 23:36	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/13/15 15:25	08/13/15 23:36	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/13/15 23:36	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 15:25	08/13/15 23:36	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 15:25	08/13/15 23:36	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/13/15 15:25	08/13/15 23:36	1
Copper	0.50	U	1.0	0.50	ug/L		08/13/15 15:25	08/13/15 23:36	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/13/15 15:25	08/13/15 23:36	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/13/15 23:36	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/13/15 15:25	08/13/15 23:36	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/13/15 23:36	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/13/15 23:36	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 15:25	08/13/15 23:36	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 15:25	08/13/15 23:36	1
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/13/15 23:36	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 15:25	08/13/15 23:36	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/13/15 23:36	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 15:25	08/13/15 23:36	1
Selenium	0.58	U	2.0	0.58	ug/L		08/13/15 15:25	08/13/15 23:36	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/13/15 15:25	08/13/15 23:36	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/13/15 23:36	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 15:25	08/13/15 23:36	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/13/15 23:36	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 15:25	08/13/15 23:36	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/13/15 15:25	08/13/15 23:36	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/13/15 15:25	08/13/15 23:36	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 15:25	08/13/15 23:36	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/13/15 15:25	08/13/15 23:36	1

Lab Sample ID: LCS 680-396015/2-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	40.0	39.9		ug/L		100	85 - 115
Arsenic, Dissolved	40.0	39.9		ug/L		100	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-396015/2-A
Matrix: Water
Analysis Batch: 396123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396015
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	40.0	38.8		ug/L		97	85 - 115
Barium, Dissolved	40.0	38.8		ug/L		97	85 - 115
Beryllium	20.0	20.9		ug/L		105	85 - 115
Beryllium, Dissolved	20.0	20.9		ug/L		105	85 - 115
Cadmium	20.0	19.4		ug/L		97	85 - 115
Cadmium, Dissolved	20.0	19.4		ug/L		97	85 - 115
Chromium	40.0	37.8		ug/L		95	85 - 115
Chromium, Dissolved	40.0	37.8		ug/L		95	85 - 115
Cobalt	20.0	21.3		ug/L		106	85 - 115
Cobalt, Dissolved	20.0	21.3		ug/L		106	85 - 115
Copper	40.0	41.9		ug/L		105	85 - 115
Copper, Dissolved	40.0	41.9		ug/L		105	85 - 115
Manganese	200	194		ug/L		97	85 - 115
Manganese, Dissolved	200	194		ug/L		97	85 - 115
Nickel	40.0	40.6		ug/L		102	85 - 115
Nickel, Dissolved	40.0	40.6		ug/L		102	85 - 115
Lead	200	191		ug/L		96	85 - 115
Lead, Dissolved	200	191		ug/L		96	85 - 115
Antimony	20.0	20.7		ug/L		103	85 - 115
Antimony, Dissolved	20.0	20.7		ug/L		103	85 - 115
Silver	20.0	19.9		ug/L		100	85 - 115
Silver, Dissolved	20.0	19.9		ug/L		100	85 - 115
Selenium	40.0	41.0		ug/L		103	85 - 115
Selenium, Dissolved	40.0	41.0		ug/L		103	85 - 115
Thallium	16.0	16.7		ug/L		104	85 - 115
Thallium, Dissolved	16.0	16.7		ug/L		104	85 - 115
Vanadium	40.0	38.2		ug/L		96	85 - 115
Vanadium, Dissolved	40.0	38.2		ug/L		96	85 - 115
Molybdenum	40.0	39.7		ug/L		99	85 - 115
Molybdenum, Dissolved	40.0	39.7		ug/L		99	85 - 115
Zinc	40.0	40.4		ug/L		101	85 - 115
Zinc, Dissolved	40.0	40.4		ug/L		101	85 - 115

Lab Sample ID: 680-115592-25 MS
Matrix: Water
Analysis Batch: 396123

Client Sample ID: GKMTW201_081115
Prep Type: Total/NA
Prep Batch: 396015
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.37	U	40.0	42.8		ug/L		107	70 - 130
Barium	120		40.0	156		ug/L		101	70 - 130
Beryllium	0.15	U	20.0	21.6		ug/L		108	70 - 130
Cadmium	0.043	U	20.0	19.3		ug/L		97	70 - 130
Chromium	1.0	U	40.0	40.5		ug/L		101	70 - 130
Cobalt	0.75		20.0	22.3		ug/L		108	70 - 130
Copper	6.7		40.0	47.0		ug/L		101	70 - 130
Manganese	1.2	U	200	201		ug/L		101	70 - 130
Nickel	4.7		40.0	44.8		ug/L		100	70 - 130
Lead	0.087	J	200	179		ug/L		89	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-25 MS

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW201_081115

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	0.40	U	20.0	21.9		ug/L		110	70 - 130
Silver	0.10	U	20.0	19.3		ug/L		97	70 - 130
Selenium	3.8		40.0	46.1		ug/L		106	70 - 130
Thallium	0.10	U	16.0	15.8		ug/L		99	70 - 130
Vanadium	0.30	U	40.0	42.4		ug/L		106	70 - 130
Molybdenum	1.6		40.0	44.8		ug/L		108	70 - 130
Zinc	3.9	J	40.0	43.4		ug/L		99	70 - 130

Lab Sample ID: 680-115592-25 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW201_081115

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.37	U	40.0	41.6		ug/L		104	70 - 130	3	20
Barium	120		40.0	150		ug/L		87	70 - 130	4	20
Beryllium	0.15	U	20.0	20.8		ug/L		104	70 - 130	4	20
Cadmium	0.043	U	20.0	19.6		ug/L		98	70 - 130	2	20
Chromium	1.0	U	40.0	41.0		ug/L		103	70 - 130	1	20
Cobalt	0.75		20.0	22.2		ug/L		107	70 - 130	1	20
Copper	6.7		40.0	46.7		ug/L		100	70 - 130	1	20
Manganese	1.2	U	200	202		ug/L		101	70 - 130	0	20
Nickel	4.7		40.0	45.0		ug/L		101	70 - 130	0	20
Lead	0.087	J	200	179		ug/L		90	70 - 130	0	20
Antimony	0.40	U	20.0	21.8		ug/L		109	70 - 130	1	20
Silver	0.10	U	20.0	19.5		ug/L		97	70 - 130	1	20
Selenium	3.8		40.0	45.7		ug/L		105	70 - 130	1	20
Thallium	0.10	U	16.0	15.8		ug/L		99	70 - 130	0	20
Vanadium	0.30	U	40.0	42.4		ug/L		106	70 - 130	0	20
Molybdenum	1.6		40.0	45.6		ug/L		110	70 - 130	2	20
Zinc	3.9	J	40.0	41.3		ug/L		94	70 - 130	5	20

Lab Sample ID: 680-115592-26 MS

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW202_081115

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	4.9		40.0	45.2		ug/L		101	70 - 130
Arsenic, Dissolved	4.9		40.0	45.2		ug/L		101	70 - 130
Barium	46		40.0	84.4		ug/L		97	70 - 130
Barium, Dissolved	46		40.0	84.4		ug/L		97	70 - 130
Beryllium	0.15	U	20.0	20.9		ug/L		104	70 - 130
Beryllium, Dissolved	0.15	U	20.0	20.9		ug/L		104	70 - 130
Cadmium	0.043	U	20.0	19.3		ug/L		96	70 - 130
Cadmium, Dissolved	0.043	U	20.0	19.3		ug/L		96	70 - 130
Chromium	1.0	U	40.0	38.0		ug/L		95	70 - 130
Chromium, Dissolved	1.0	U	40.0	38.0		ug/L		95	70 - 130
Cobalt	0.20	J	20.0	21.2		ug/L		105	70 - 130
Cobalt, Dissolved	0.20	J	20.0	21.2		ug/L		105	70 - 130
Copper	4.9		40.0	45.2		ug/L		101	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-26 MS

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW202_081115

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Copper, Dissolved	4.9		40.0	45.2		ug/L		101	70 - 130
Manganese	1.2	U	200	194		ug/L		97	70 - 130
Manganese, Dissolved	1.2	U	200	194		ug/L		97	70 - 130
Nickel	1.3		40.0	40.7		ug/L		98	70 - 130
Nickel, Dissolved	1.3		40.0	40.7		ug/L		98	70 - 130
Lead	0.17	J	200	182		ug/L		91	70 - 130
Lead, Dissolved	0.17	J	200	182		ug/L		91	70 - 130
Antimony	0.40	U	20.0	21.5		ug/L		107	70 - 130
Antimony, Dissolved	0.40	U	20.0	21.5		ug/L		107	70 - 130
Silver	0.10	U	20.0	19.2		ug/L		96	70 - 130
Silver, Dissolved	0.10	U	20.0	19.2		ug/L		96	70 - 130
Selenium	4.1		40.0	44.9		ug/L		102	70 - 130
Selenium, Dissolved	4.1		40.0	44.9		ug/L		102	70 - 130
Thallium	0.10	U	16.0	15.6		ug/L		97	70 - 130
Thallium, Dissolved	0.10	U	16.0	15.6		ug/L		97	70 - 130
Vanadium	0.31	J	40.0	41.0		ug/L		102	70 - 130
Vanadium, Dissolved	0.31	J	40.0	41.0		ug/L		102	70 - 130
Molybdenum	11		40.0	53.4		ug/L		105	70 - 130
Molybdenum, Dissolved	11		40.0	53.4		ug/L		105	70 - 130
Zinc	2.8	U	40.0	42.4		ug/L		106	70 - 130
Zinc, Dissolved	2.8	U	40.0	42.4		ug/L		106	70 - 130

Lab Sample ID: 680-115592-26 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW202_081115

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	4.9		40.0	46.3		ug/L		103	70 - 130	2	20
Arsenic, Dissolved	4.9		40.0	46.3		ug/L		103	70 - 130	2	20
Barium	46		40.0	84.7		ug/L		98	70 - 130	0	20
Barium, Dissolved	46		40.0	84.7		ug/L		98	70 - 130	0	20
Beryllium	0.15	U	20.0	21.3		ug/L		106	70 - 130	2	20
Beryllium, Dissolved	0.15	U	20.0	21.3		ug/L		106	70 - 130	2	20
Cadmium	0.043	U	20.0	19.5		ug/L		98	70 - 130	1	20
Cadmium, Dissolved	0.043	U	20.0	19.5		ug/L		98	70 - 130	1	20
Chromium	1.0	U	40.0	38.3		ug/L		96	70 - 130	1	20
Chromium, Dissolved	1.0	U	40.0	38.3		ug/L		96	70 - 130	1	20
Cobalt	0.20	J	20.0	21.6		ug/L		107	70 - 130	2	20
Cobalt, Dissolved	0.20	J	20.0	21.6		ug/L		107	70 - 130	2	20
Copper	4.9		40.0	45.8		ug/L		102	70 - 130	1	20
Copper, Dissolved	4.9		40.0	45.8		ug/L		102	70 - 130	1	20
Manganese	1.2	U	200	197		ug/L		99	70 - 130	2	20
Manganese, Dissolved	1.2	U	200	197		ug/L		99	70 - 130	2	20
Nickel	1.3		40.0	41.7		ug/L		101	70 - 130	2	20
Nickel, Dissolved	1.3		40.0	41.7		ug/L		101	70 - 130	2	20
Lead	0.17	J	200	183		ug/L		91	70 - 130	0	20
Lead, Dissolved	0.17	J	200	183		ug/L		91	70 - 130	0	20
Antimony	0.40	U	20.0	21.5		ug/L		107	70 - 130	0	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-26 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMTW202_081115

Prep Type: Total/NA

Prep Batch: 396015

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony, Dissolved	0.40	U	20.0	21.5		ug/L		107	70 - 130	0	20
Silver	0.10	U	20.0	18.7		ug/L		93	70 - 130	3	20
Silver, Dissolved	0.10	U	20.0	18.7		ug/L		93	70 - 130	3	20
Selenium	4.1		40.0	44.0		ug/L		100	70 - 130	2	20
Selenium, Dissolved	4.1		40.0	44.0		ug/L		100	70 - 130	2	20
Thallium	0.10	U	16.0	15.8		ug/L		98	70 - 130	1	20
Thallium, Dissolved	0.10	U	16.0	15.8		ug/L		98	70 - 130	1	20
Vanadium	0.31	J	40.0	41.9		ug/L		104	70 - 130	2	20
Vanadium, Dissolved	0.31	J	40.0	41.9		ug/L		104	70 - 130	2	20
Molybdenum	11		40.0	53.6		ug/L		105	70 - 130	1	20
Molybdenum, Dissolved	11		40.0	53.6		ug/L		105	70 - 130	1	20
Zinc	2.8	U	40.0	42.5		ug/L		106	70 - 130	0	20
Zinc, Dissolved	2.8	U	40.0	42.5		ug/L		106	70 - 130	0	20

Lab Sample ID: MB 680-396046/1-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396046

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:21	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 16:45	08/14/15 01:21	1
Barium	0.14	U	2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:21	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/13/15 16:45	08/14/15 01:21	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:21	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 16:45	08/14/15 01:21	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:21	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/13/15 16:45	08/14/15 01:21	1
Chromium	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:21	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 16:45	08/14/15 01:21	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:21	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/13/15 16:45	08/14/15 01:21	1
Copper	0.50	U	1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:21	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/13/15 16:45	08/14/15 01:21	1
Manganese	1.2	U	2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:21	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/13/15 16:45	08/14/15 01:21	1
Nickel	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:21	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:21	1
Lead	0.060	U	0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:21	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 16:45	08/14/15 01:21	1
Antimony	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:21	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 16:45	08/14/15 01:21	1
Silver	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:21	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 16:45	08/14/15 01:21	1
Selenium	0.716	J	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:21	1
Selenium, Dissolved	0.716	J	2.0	0.58	ug/L		08/13/15 16:45	08/14/15 01:21	1
Thallium	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:21	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 16:45	08/14/15 01:21	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:21	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-396046/1-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396046

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 16:45	08/14/15 01:21	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:21	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/13/15 16:45	08/14/15 01:21	1
Zinc	2.8	U	20	2.8	ug/L		08/13/15 16:45	08/14/15 01:21	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/13/15 16:45	08/14/15 01:21	1

Lab Sample ID: LCS 680-396046/2-A

Matrix: Water

Analysis Batch: 396123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	40.0	39.2		ug/L		98	85 - 115
Arsenic, Dissolved	40.0	39.2		ug/L		98	85 - 115
Barium	40.0	40.0		ug/L		100	85 - 115
Barium, Dissolved	40.0	40.0		ug/L		100	85 - 115
Beryllium	20.0	20.7		ug/L		103	85 - 115
Beryllium, Dissolved	20.0	20.7		ug/L		103	85 - 115
Cadmium	20.0	19.5		ug/L		97	85 - 115
Cadmium, Dissolved	20.0	19.5		ug/L		97	85 - 115
Chromium	40.0	37.9		ug/L		95	85 - 115
Chromium, Dissolved	40.0	37.9		ug/L		95	85 - 115
Cobalt	20.0	21.4		ug/L		107	85 - 115
Cobalt, Dissolved	20.0	21.4		ug/L		107	85 - 115
Copper	40.0	41.4		ug/L		104	85 - 115
Copper, Dissolved	40.0	41.4		ug/L		104	85 - 115
Manganese	200	193		ug/L		97	85 - 115
Manganese, Dissolved	200	193		ug/L		97	85 - 115
Nickel	40.0	40.4		ug/L		101	85 - 115
Nickel, Dissolved	40.0	40.4		ug/L		101	85 - 115
Lead	200	191		ug/L		95	85 - 115
Lead, Dissolved	200	191		ug/L		95	85 - 115
Antimony	20.0	20.7		ug/L		103	85 - 115
Antimony, Dissolved	20.0	20.7		ug/L		103	85 - 115
Silver	20.0	20.3		ug/L		101	85 - 115
Silver, Dissolved	20.0	20.3		ug/L		101	85 - 115
Selenium	40.0	40.9		ug/L		102	85 - 115
Selenium, Dissolved	40.0	40.9		ug/L		102	85 - 115
Thallium	16.0	16.8		ug/L		105	85 - 115
Thallium, Dissolved	16.0	16.8		ug/L		105	85 - 115
Vanadium	40.0	39.3		ug/L		98	85 - 115
Vanadium, Dissolved	40.0	39.3		ug/L		98	85 - 115
Molybdenum	40.0	40.1		ug/L		100	85 - 115
Molybdenum, Dissolved	40.0	40.1		ug/L		100	85 - 115
Zinc	40.0	39.5		ug/L		99	85 - 115
Zinc, Dissolved	40.0	39.5		ug/L		99	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-396069/1-A
Matrix: Water
Analysis Batch: 396123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396069

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/13/15 18:32	08/14/15 06:34	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/13/15 18:32	08/14/15 06:34	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/13/15 18:32	08/14/15 06:34	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/13/15 18:32	08/14/15 06:34	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/13/15 18:32	08/14/15 06:34	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/13/15 18:32	08/14/15 06:34	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/13/15 18:32	08/14/15 06:34	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/13/15 18:32	08/14/15 06:34	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 18:32	08/14/15 06:34	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/13/15 18:32	08/14/15 06:34	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/13/15 18:32	08/14/15 06:34	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/13/15 18:32	08/14/15 06:34	1
Selenium, Dissolved	1.22	J	2.0	0.58	ug/L		08/13/15 18:32	08/14/15 06:34	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/13/15 18:32	08/14/15 06:34	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/13/15 18:32	08/14/15 06:34	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/13/15 18:32	08/14/15 06:34	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/13/15 18:32	08/14/15 06:34	1

Lab Sample ID: LCS 680-396069/2-A
Matrix: Water
Analysis Batch: 396123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396069
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic, Dissolved	40.0	38.4		ug/L		96	85 - 115
Barium, Dissolved	40.0	39.1		ug/L		98	85 - 115
Beryllium, Dissolved	20.0	20.1		ug/L		101	85 - 115
Cadmium, Dissolved	20.0	18.9		ug/L		95	85 - 115
Chromium, Dissolved	40.0	36.8		ug/L		92	85 - 115
Cobalt, Dissolved	20.0	20.9		ug/L		104	85 - 115
Copper, Dissolved	40.0	39.9		ug/L		100	85 - 115
Manganese, Dissolved	200	188		ug/L		94	85 - 115
Nickel, Dissolved	40.0	39.4		ug/L		98	85 - 115
Lead, Dissolved	200	186		ug/L		93	85 - 115
Antimony, Dissolved	20.0	20.2		ug/L		101	85 - 115
Silver, Dissolved	20.0	19.6		ug/L		98	85 - 115
Selenium, Dissolved	40.0	38.6		ug/L		96	85 - 115
Thallium, Dissolved	16.0	16.4		ug/L		103	85 - 115
Vanadium, Dissolved	40.0	38.8		ug/L		97	85 - 115
Molybdenum, Dissolved	40.0	38.8		ug/L		97	85 - 115
Zinc, Dissolved	40.0	38.3		ug/L		96	85 - 115

Lab Sample ID: 680-115592-15 MS
Matrix: Water
Analysis Batch: 396123

Client Sample ID: GKMSW01_081115
Prep Type: Dissolved
Prep Batch: 396069
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic, Dissolved	0.37	U	40.0	42.9		ug/L		107	70 - 130
Barium, Dissolved	45		40.0	85.3		ug/L		101	70 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-15 MS

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMSW01_081115

Prep Type: Dissolved

Prep Batch: 396069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium, Dissolved	0.15	U	20.0	21.5		ug/L		108	70 - 130
Cadmium, Dissolved	0.043	U	20.0	19.6		ug/L		98	70 - 130
Chromium, Dissolved	1.0	U	40.0	38.6		ug/L		96	70 - 130
Cobalt, Dissolved	1.5		20.0	22.8		ug/L		107	70 - 130
Copper, Dissolved	1.5		40.0	41.7		ug/L		101	70 - 130
Manganese, Dissolved	71		200	267		ug/L		98	70 - 130
Nickel, Dissolved	1.1		40.0	40.5		ug/L		98	70 - 130
Lead, Dissolved	0.060	U	200	191		ug/L		96	70 - 130
Antimony, Dissolved	0.40	U	20.0	22.3		ug/L		111	70 - 130
Silver, Dissolved	0.10	U	20.0	19.8		ug/L		99	70 - 130
Selenium, Dissolved	1.1	J B	40.0	44.2		ug/L		108	70 - 130
Thallium, Dissolved	0.10	U	16.0	16.8		ug/L		105	70 - 130
Vanadium, Dissolved	0.30	U	40.0	41.1		ug/L		103	70 - 130
Molybdenum, Dissolved	0.88	J	40.0	41.6		ug/L		102	70 - 130
Zinc, Dissolved	5.4	J	40.0	46.0		ug/L		102	70 - 130

Lab Sample ID: 680-115592-15 MSD

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMSW01_081115

Prep Type: Dissolved

Prep Batch: 396069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic, Dissolved	0.37	U	40.0	41.9		ug/L		105	70 - 130	2	20
Barium, Dissolved	45		40.0	84.8		ug/L		99	70 - 130	1	20
Beryllium, Dissolved	0.15	U	20.0	21.4		ug/L		107	70 - 130	1	20
Cadmium, Dissolved	0.043	U	20.0	19.3		ug/L		96	70 - 130	2	20
Chromium, Dissolved	1.0	U	40.0	38.8		ug/L		97	70 - 130	0	20
Cobalt, Dissolved	1.5		20.0	22.6		ug/L		106	70 - 130	1	20
Copper, Dissolved	1.5		40.0	41.8		ug/L		101	70 - 130	0	20
Manganese, Dissolved	71		200	266		ug/L		97	70 - 130	0	20
Nickel, Dissolved	1.1		40.0	40.7		ug/L		99	70 - 130	0	20
Lead, Dissolved	0.060	U	200	188		ug/L		94	70 - 130	2	20
Antimony, Dissolved	0.40	U	20.0	22.2		ug/L		111	70 - 130	0	20
Silver, Dissolved	0.10	U	20.0	20.1		ug/L		100	70 - 130	2	20
Selenium, Dissolved	1.1	J B	40.0	43.1		ug/L		105	70 - 130	2	20
Thallium, Dissolved	0.10	U	16.0	16.6		ug/L		104	70 - 130	1	20
Vanadium, Dissolved	0.30	U	40.0	41.5		ug/L		104	70 - 130	1	20
Molybdenum, Dissolved	0.88	J	40.0	42.0		ug/L		103	70 - 130	1	20
Zinc, Dissolved	5.4	J	40.0	45.3		ug/L		100	70 - 130	1	20

Lab Sample ID: 680-115592-15 DU

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMSW01_081115

Prep Type: Dissolved

Prep Batch: 396069

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic, Dissolved	0.37	U	0.37	U	ug/L		NC	20
Barium, Dissolved	45		44.7		ug/L		0.7	20
Beryllium, Dissolved	0.15	U	0.15	U	ug/L		NC	20
Cadmium, Dissolved	0.043	U	0.043	U	ug/L		NC	20
Chromium, Dissolved	1.0	U	1.0	U	ug/L		NC	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115592-15 DU

Matrix: Water

Analysis Batch: 396123

Client Sample ID: GKMSW01_081115

Prep Type: Dissolved

Prep Batch: 396069

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cobalt, Dissolved	1.5		1.45		ug/L		1	20
Copper, Dissolved	1.5		1.40		ug/L		3	20
Manganese, Dissolved	71		71.1		ug/L		0	20
Nickel, Dissolved	1.1		1.04		ug/L		10	20
Lead, Dissolved	0.060	U	0.060	U	ug/L		NC	20
Antimony, Dissolved	0.40	U	0.40	U	ug/L		NC	20
Silver, Dissolved	0.10	U	0.10	U	ug/L		NC	20
Selenium, Dissolved	1.1	J B	1.72	J F5	ug/L		41	20
Thallium, Dissolved	0.10	U	0.10	U	ug/L		NC	20
Vanadium, Dissolved	0.30	U	0.30	U	ug/L		NC	20
Molybdenum, Dissolved	0.88	J	0.933	J	ug/L		6	20
Zinc, Dissolved	5.4	J	5.20	J	ug/L		3	20

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Lab Sample ID: MB 680-396152/1

Matrix: Water

Analysis Batch: 396152

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/14/15 10:18	1

Lab Sample ID: MB 680-396152/22

Matrix: Water

Analysis Batch: 396152

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/14/15 10:18	1

Lab Sample ID: MB 680-396152/54

Matrix: Water

Analysis Batch: 396152

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/14/15 10:37	1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-396056/1-A

Matrix: Water

Analysis Batch: 396099

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 17:24	08/14/15 00:06	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-396056/2-A Matrix: Water Analysis Batch: 396099						Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits					
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec			
Mercury			2.50	2.40		ug/L		96	85 - 115		
Lab Sample ID: 680-115592-8 MS Matrix: Water Analysis Batch: 396099						Client Sample ID: GKMTW53_081215 Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits					
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec			
Mercury	0.080	U	1.00	1.04		ug/L		104	70 - 130		
Lab Sample ID: 680-115592-8 MSD Matrix: Water Analysis Batch: 396099						Client Sample ID: GKMTW53_081215 Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits RPD					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.080	U	1.00	1.07		ug/L		107	70 - 130	3	20
Lab Sample ID: 680-115592-9 MS Matrix: Water Analysis Batch: 396099						Client Sample ID: GKMTW54_081215 Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits					
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec			
Mercury	0.080	U	1.00	1.04		ug/L		104	70 - 130		
Lab Sample ID: 680-115592-9 MSD Matrix: Water Analysis Batch: 396099						Client Sample ID: GKMTW54_081215 Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits RPD					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.080	U	1.00	1.02		ug/L		102	70 - 130	2	20
Lab Sample ID: 680-115592-8 DU Matrix: Water Analysis Batch: 396099						Client Sample ID: GKMTW53_081215 Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits RPD					
Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	Limit
Mercury	0.080	U		0.080	U	ug/L				NC	20
Lab Sample ID: 680-115592-9 DU Matrix: Water Analysis Batch: 396099						Client Sample ID: GKMTW54_081215 Prep Type: Total/NA Prep Batch: 396056 %Rec. Limits RPD					
Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	Limit
Mercury	0.080	U		0.080	U	ug/L				NC	20
Lab Sample ID: MB 680-396060/1-A Matrix: Water Analysis Batch: 396099						Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 396060 %Rec. Limits					
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 18:05	08/14/15 01:54	1		

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Lab Sample ID: LCS 680-396060/2-A
Matrix: Water
Analysis Batch: 396099

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396060
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	2.50	2.49		ug/L		99	85 - 115

Lab Sample ID: 680-115592-10 MS
Matrix: Water
Analysis Batch: 396099

Client Sample ID: GKMTW55_081215
Prep Type: Total/NA
Prep Batch: 396060
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.080	U	1.00	0.992		ug/L		99	70 - 130

Lab Sample ID: 680-115592-10 MSD
Matrix: Water
Analysis Batch: 396099

Client Sample ID: GKMTW55_081215
Prep Type: Total/NA
Prep Batch: 396060
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.080	U	1.00	1.03		ug/L		103	70 - 130	4	20

Lab Sample ID: 680-115592-10 DU
Matrix: Water
Analysis Batch: 396099

Client Sample ID: GKMTW55_081215
Prep Type: Total/NA
Prep Batch: 396060
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.080	U		0.080	U	ug/L				NC	20

Lab Sample ID: MB 680-396085/1-A
Matrix: Water
Analysis Batch: 396099

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396085
%Rec.

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/13/15 19:58	08/14/15 03:42	1

Lab Sample ID: LCS 680-396085/2-A
Matrix: Water
Analysis Batch: 396099

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396085
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	2.50	2.40		ug/L		96	85 - 115

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-396094/5
Matrix: Water
Analysis Batch: 396094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 396085
%Rec.

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/13/15 20:26	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 680-396094/6
Matrix: Water
Analysis Batch: 396094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	250	229		mg/L		92	80 - 120

Lab Sample ID: LCSD 680-396094/31
Matrix: Water
Analysis Batch: 396094

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity	250	230		mg/L		92	80 - 120	0	30

Lab Sample ID: 680-115592-15 DU
Matrix: Water
Analysis Batch: 396094

Client Sample ID: GKMSW01_081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	87		77.6		mg/L		12	30

Lab Sample ID: MB 680-396140/2
Matrix: Water
Analysis Batch: 396140

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			08/13/15 23:32	1

Lab Sample ID: LCS 680-396140/3
Matrix: Water
Analysis Batch: 396140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	250	229		mg/L		91	80 - 120

Lab Sample ID: LCSD 680-396140/28
Matrix: Water
Analysis Batch: 396140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity	250	230		mg/L		92	80 - 120	1	30

Lab Sample ID: 680-115592-35 DU
Matrix: Water
Analysis Batch: 396140

Client Sample ID: GKMSW04_081215
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	76		76.8		mg/L		0.7	30

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Method: 4500 H+ B-2011 - pH

Lab Sample ID: LCS 680-396083/7
Matrix: Water
Analysis Batch: 396083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.090		SU		101	63 - 158

Lab Sample ID: LCS 680-396084/3
Matrix: Water
Analysis Batch: 396084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	63 - 158

Lab Sample ID: 680-115592-12 DU
Matrix: Water
Analysis Batch: 396084

Client Sample ID: A68__081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.68	HF	7.720		SU		0.5	40

Lab Sample ID: 680-115592-14 DU
Matrix: Water
Analysis Batch: 396084

Client Sample ID: CC48__081115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	3.32	HF	3.310		SU		0.3	40

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

HPLC/IC

Analysis Batch: 396020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-19 DU	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-19 MS	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-19 MSD	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-33	GKMSW02_081215	Total/NA	Water	300.0	
680-115592-34	GKMSW05_081215	Total/NA	Water	300.0	
680-115592-35	GKMSW04_081215	Total/NA	Water	300.0	
LCS 680-396020/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-396020/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-396020/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 396071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	300.0	
680-115592-13	A72_081115	Total/NA	Water	300.0	
680-115592-13 DU	A72_081115	Total/NA	Water	300.0	
680-115592-13 MS	A72_081115	Total/NA	Water	300.0	
680-115592-13 MSD	A72_081115	Total/NA	Water	300.0	
680-115592-14	CC48_081115	Total/NA	Water	300.0	
680-115592-15	GKMSW01_081115	Total/NA	Water	300.0	
680-115592-16	GKMSW02_081115	Total/NA	Water	300.0	
680-115592-17	GKMSW04_081115	Total/NA	Water	300.0	
680-115592-18	GKMSW05_081115	Total/NA	Water	300.0	
680-115592-19	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-32	GKMSW01_081215	Total/NA	Water	300.0	
680-115592-33	GKMSW02_081215	Total/NA	Water	300.0	
680-115592-34	GKMSW05_081215	Total/NA	Water	300.0	
680-115592-35	GKMSW04_081215	Total/NA	Water	300.0	
680-115592-35 DU	GKMSW04_081215	Total/NA	Water	300.0	
680-115592-35 MS	GKMSW04_081215	Total/NA	Water	300.0	
680-115592-35 MSD	GKMSW04_081215	Total/NA	Water	300.0	
LCS 680-396071/30	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-396071/31	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-396071/29	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 396118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-14	CC48_081115	Total/NA	Water	300.0	
680-115592-19	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-19 DU	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-19 MS	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-19 MSD	GKMSW13_081115	Total/NA	Water	300.0	
LCS 680-396118/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-396118/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-396118/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 396121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	300.0	
680-115592-12	A68_081115	Total/NA	Water	300.0	
680-115592-12 DU	A68_081115	Total/NA	Water	300.0	
680-115592-12 DU	A68_081115	Total/NA	Water	300.0	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

HPLC/IC (Continued)

Analysis Batch: 396121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12 MS	A68_081115	Total/NA	Water	300.0	
680-115592-12 MS	A68_081115	Total/NA	Water	300.0	
680-115592-12 MSD	A68_081115	Total/NA	Water	300.0	
680-115592-12 MSD	A68_081115	Total/NA	Water	300.0	
680-115592-13	A72_081115	Total/NA	Water	300.0	
680-115592-13	A72_081115	Total/NA	Water	300.0	
680-115592-14	CC48_081115	Total/NA	Water	300.0	
680-115592-15	GKMSW01_081115	Total/NA	Water	300.0	
680-115592-15	GKMSW01_081115	Total/NA	Water	300.0	
680-115592-16	GKMSW02_081115	Total/NA	Water	300.0	
680-115592-16	GKMSW02_081115	Total/NA	Water	300.0	
680-115592-17	GKMSW04_081115	Total/NA	Water	300.0	
680-115592-17	GKMSW04_081115	Total/NA	Water	300.0	
680-115592-18	GKMSW05_081115	Total/NA	Water	300.0	
680-115592-18	GKMSW05_081115	Total/NA	Water	300.0	
680-115592-19	GKMSW13_081115	Total/NA	Water	300.0	
680-115592-32	GKMSW01_081215	Total/NA	Water	300.0	
680-115592-32	GKMSW01_081215	Total/NA	Water	300.0	
680-115592-33	GKMSW02_081215	Total/NA	Water	300.0	
680-115592-34	GKMSW05_081215	Total/NA	Water	300.0	
680-115592-35	GKMSW04_081215	Total/NA	Water	300.0	
LCS 680-396121/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-396121/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-396121/39	Method Blank	Total/NA	Water	300.0	

Metals

Prep Batch: 396003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	200	
680-115592-1 MS	GKMTW103_081215	Total/NA	Water	200	
680-115592-1 MSD	GKMTW103_081215	Total/NA	Water	200	
680-115592-2	GKMTW108_081215	Total/NA	Water	200	
680-115592-2 MS	GKMTW108_081215	Total/NA	Water	200	
680-115592-2 MSD	GKMTW108_081215	Total/NA	Water	200	
680-115592-3	GKMTW109_081215	Total/NA	Water	200	
680-115592-4	GKMTW110_081215	Total/NA	Water	200	
680-115592-5	GKMTW50_081215	Total/NA	Water	200	
680-115592-6	GKMTW51_081215	Total/NA	Water	200	
680-115592-7	GKMTW52_081215	Total/NA	Water	200	
680-115592-8	GKMTW53_081215	Total/NA	Water	200	
680-115592-9	GKMTW54_081215	Total/NA	Water	200	
680-115592-10	GKMTW55_081215	Total/NA	Water	200	
680-115592-11	GKTMW111_081515	Total/NA	Water	200	
680-115592-12	A68_081115	Dissolved	Water	200	
680-115592-13	A72_081115	Dissolved	Water	200	
680-115592-14	CC48_081115	Dissolved	Water	200	
680-115592-19	GKMSW13_081115	Dissolved	Water	200	
680-115592-20	GKMTW104_081115	Total/NA	Water	200	
680-115592-21	GKMTW105_081115	Total/NA	Water	200	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Prep Batch: 396003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-22	GKMTW106_081115	Total/NA	Water	200	
680-115592-23	GKMTW107_081115	Total/NA	Water	200	
680-115592-24	GKMTW200_081115	Total/NA	Water	200	
LCS 680-396003/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396003/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	200	
680-115592-1 MS	GKMTW103_081215	Total/NA	Water	200	
680-115592-1 MSD	GKMTW103_081215	Total/NA	Water	200	
680-115592-2	GKMTW108_081215	Total/NA	Water	200	
680-115592-2 MS	GKMTW108_081215	Total/NA	Water	200	
680-115592-2 MSD	GKMTW108_081215	Total/NA	Water	200	
680-115592-3	GKMTW109_081215	Total/NA	Water	200	
680-115592-4	GKMTW110_081215	Total/NA	Water	200	
680-115592-5	GKMTW50_081215	Total/NA	Water	200	
680-115592-6	GKMTW51_081215	Total/NA	Water	200	
680-115592-7	GKMTW52_081215	Total/NA	Water	200	
680-115592-8	GKMTW53_081215	Total/NA	Water	200	
680-115592-9	GKMTW54_081215	Total/NA	Water	200	
680-115592-10	GKMTW55_081215	Total/NA	Water	200	
680-115592-11	GKMTW111_081515	Total/NA	Water	200	
680-115592-12	A68_081115	Dissolved	Water	200	
680-115592-13	A72_081115	Dissolved	Water	200	
680-115592-14	CC48_081115	Dissolved	Water	200	
680-115592-19	GKMSW13_081115	Dissolved	Water	200	
680-115592-20	GKMTW104_081115	Total/NA	Water	200	
680-115592-21	GKMTW105_081115	Total/NA	Water	200	
680-115592-22	GKMTW106_081115	Total/NA	Water	200	
680-115592-23	GKMTW107_081115	Total/NA	Water	200	
680-115592-24	GKMTW200_081115	Total/NA	Water	200	
LCS 680-396011/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396011/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-25	GKMTW201_081115	Total/NA	Water	200	
680-115592-25 MS	GKMTW201_081115	Total/NA	Water	200	
680-115592-25 MSD	GKMTW201_081115	Total/NA	Water	200	
680-115592-26	GKMTW202_081115	Total/NA	Water	200	
680-115592-26 MS	GKMTW202_081115	Total/NA	Water	200	
680-115592-26 MSD	GKMTW202_081115	Total/NA	Water	200	
680-115592-27	GKMTW203_081115	Total/NA	Water	200	
680-115592-28	GKMTW46_081115	Total/NA	Water	200	
680-115592-29	GKMTW47_081115	Total/NA	Water	200	
680-115592-30	GKMTW48_081115	Total/NA	Water	200	
680-115592-31	GKMTW49_081115	Total/NA	Water	200	
680-115592-32	GKMSW01_081215	Total/NA	Water	200	
680-115592-33	GKMSW02_081215	Dissolved	Water	200	
680-115592-34	GKMSW05_081215	Dissolved	Water	200	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Prep Batch: 396015 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-34	GKMSW05_081215	Total/NA	Water	200	
LCS 680-396015/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396015/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-25	GKMTW201_081115	Total/NA	Water	200	
680-115592-25 MS	GKMTW201_081115	Total/NA	Water	200	
680-115592-25 MSD	GKMTW201_081115	Total/NA	Water	200	
680-115592-26	GKMTW202_081115	Total/NA	Water	200	
680-115592-26 MS	GKMTW202_081115	Total/NA	Water	200	
680-115592-26 MSD	GKMTW202_081115	Total/NA	Water	200	
680-115592-27	GKMTW203_081115	Total/NA	Water	200	
680-115592-28	GKMTW46_081115	Total/NA	Water	200	
680-115592-29	GKMTW47_081115	Total/NA	Water	200	
680-115592-30	GKMTW48_081115	Total/NA	Water	200	
680-115592-31	GKMTW49_081115	Total/NA	Water	200	
680-115592-32	GKMSW01_081215	Total/NA	Water	200	
680-115592-33	GKMSW02_081215	Dissolved	Water	200	
680-115592-34	GKMSW05_081215	Dissolved	Water	200	
680-115592-34	GKMSW05_081215	Total/NA	Water	200	
LCS 680-396016/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396016/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	200	
680-115592-13	A72_081115	Total/NA	Water	200	
680-115592-14	CC48_081115	Total/NA	Water	200	
680-115592-15	GKMSW01_081115	Total/NA	Water	200	
680-115592-16	GKMSW02_081115	Total/NA	Water	200	
680-115592-17	GKMSW04_081115	Total/NA	Water	200	
680-115592-18	GKMSW05_081115	Total/NA	Water	200	
680-115592-19	GKMSW13_081115	Total/NA	Water	200	
680-115592-32	GKMSW01_081215	Dissolved	Water	200	
680-115592-33	GKMSW02_081215	Total/NA	Water	200	
680-115592-35	GKMSW04_081215	Dissolved	Water	200	
680-115592-35	GKMSW04_081215	Total/NA	Water	200	
LCS 680-396046/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396046/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	200	
680-115592-13	A72_081115	Total/NA	Water	200	
680-115592-14	CC48_081115	Total/NA	Water	200	
680-115592-15	GKMSW01_081115	Total/NA	Water	200	
680-115592-16	GKMSW02_081115	Total/NA	Water	200	
680-115592-17	GKMSW04_081115	Total/NA	Water	200	
680-115592-18	GKMSW05_081115	Total/NA	Water	200	
680-115592-19	GKMSW13_081115	Total/NA	Water	200	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Prep Batch: 396048 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-32	GKMSW01_081215	Dissolved	Water	200	
680-115592-33	GKMSW02_081215	Total/NA	Water	200	
680-115592-35	GKMSW04_081215	Dissolved	Water	200	
680-115592-35	GKMSW04_081215	Total/NA	Water	200	
LCS 680-396048/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396048/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	245.1	
680-115592-2	GKMTW108_081215	Total/NA	Water	245.1	
680-115592-3	GKMTW109_081215	Total/NA	Water	245.1	
680-115592-4	GKMTW110_081215	Total/NA	Water	245.1	
680-115592-5	GKMTW50_081215	Total/NA	Water	245.1	
680-115592-6	GKMTW51_081215	Total/NA	Water	245.1	
680-115592-7	GKMTW52_081215	Total/NA	Water	245.1	
680-115592-8	GKMTW53_081215	Total/NA	Water	245.1	
680-115592-8 DU	GKMTW53_081215	Total/NA	Water	245.1	
680-115592-8 MS	GKMTW53_081215	Total/NA	Water	245.1	
680-115592-8 MSD	GKMTW53_081215	Total/NA	Water	245.1	
680-115592-9	GKMTW54_081215	Total/NA	Water	245.1	
680-115592-9 DU	GKMTW54_081215	Total/NA	Water	245.1	
680-115592-9 MS	GKMTW54_081215	Total/NA	Water	245.1	
680-115592-9 MSD	GKMTW54_081215	Total/NA	Water	245.1	
680-115592-11	GKMTW111_081515	Total/NA	Water	245.1	
680-115592-12	A68_081115	Dissolved	Water	245.1	
680-115592-13	A72_081115	Dissolved	Water	245.1	
680-115592-14	CC48_081115	Dissolved	Water	245.1	
680-115592-19	GKMSW13_081115	Dissolved	Water	245.1	
680-115592-20	GKMTW104_081115	Total/NA	Water	245.1	
680-115592-21	GKMTW105_081115	Total/NA	Water	245.1	
680-115592-22	GKMTW106_081115	Total/NA	Water	245.1	
680-115592-23	GKMTW107_081115	Total/NA	Water	245.1	
680-115592-24	GKMTW200_081115	Total/NA	Water	245.1	
680-115592-25	GKMTW201_081115	Total/NA	Water	245.1	
LCS 680-396056/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-396056/1-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 396060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-10	GKMTW55_081215	Total/NA	Water	245.1	
680-115592-10 DU	GKMTW55_081215	Total/NA	Water	245.1	
680-115592-10 MS	GKMTW55_081215	Total/NA	Water	245.1	
680-115592-10 MSD	GKMTW55_081215	Total/NA	Water	245.1	
680-115592-12	A68_081115	Total/NA	Water	245.1	
680-115592-13	A72_081115	Total/NA	Water	245.1	
680-115592-14	CC48_081115	Total/NA	Water	245.1	
680-115592-15	GKMSW01_081115	Total/NA	Water	245.1	
680-115592-16	GKMSW02_081115	Total/NA	Water	245.1	
680-115592-17	GKMSW04_081115	Total/NA	Water	245.1	
680-115592-18	GKMSW05_081115	Total/NA	Water	245.1	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Prep Batch: 396060 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-19	GKMSW13_081115	Total/NA	Water	245.1	
680-115592-26	GKMTW202_081115	Total/NA	Water	245.1	
680-115592-27	GKMTW203_081115	Total/NA	Water	245.1	
680-115592-28	GKMTW46_081115	Total/NA	Water	245.1	
680-115592-29	GKMTW47_081115	Total/NA	Water	245.1	
680-115592-30	GKMTW48_081115	Total/NA	Water	245.1	
680-115592-31	GKMTW49_081115	Total/NA	Water	245.1	
680-115592-32	GKMSW01_081215	Total/NA	Water	245.1	
680-115592-33	GKMSW02_081215	Dissolved	Water	245.1	
680-115592-34	GKMSW05_081215	Dissolved	Water	245.1	
680-115592-34	GKMSW05_081215	Total/NA	Water	245.1	
LCS 680-396060/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-396060/1-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 396069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-15	GKMSW01_081115	Dissolved	Water	200	
680-115592-15 DU	GKMSW01_081115	Dissolved	Water	200	
680-115592-15 MS	GKMSW01_081115	Dissolved	Water	200	
680-115592-15 MSD	GKMSW01_081115	Dissolved	Water	200	
680-115592-16	GKMSW02_081115	Dissolved	Water	200	
680-115592-17	GKMSW04_081115	Dissolved	Water	200	
680-115592-18	GKMSW05_081115	Dissolved	Water	200	
LCS 680-396069/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396069/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-15	GKMSW01_081115	Dissolved	Water	200	
680-115592-15 DU	GKMSW01_081115	Dissolved	Water	200	
680-115592-15 MS	GKMSW01_081115	Dissolved	Water	200	
680-115592-15 MSD	GKMSW01_081115	Dissolved	Water	200	
680-115592-16	GKMSW02_081115	Dissolved	Water	200	
680-115592-17	GKMSW04_081115	Dissolved	Water	200	
680-115592-18	GKMSW05_081115	Dissolved	Water	200	
LCS 680-396070/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-396070/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 396085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-15	GKMSW01_081115	Dissolved	Water	245.1	
680-115592-16	GKMSW02_081115	Dissolved	Water	245.1	
680-115592-17	GKMSW04_081115	Dissolved	Water	245.1	
680-115592-18	GKMSW05_081115	Dissolved	Water	245.1	
680-115592-32	GKMSW01_081215	Dissolved	Water	245.1	
680-115592-33	GKMSW02_081215	Total/NA	Water	245.1	
680-115592-35	GKMSW04_081215	Dissolved	Water	245.1	
680-115592-35	GKMSW04_081215	Total/NA	Water	245.1	
LCS 680-396085/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-396085/1-A	Method Blank	Total/NA	Water	245.1	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Analysis Batch: 396099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	245.1	396056
680-115592-2	GKMTW108_081215	Total/NA	Water	245.1	396056
680-115592-3	GKMTW109_081215	Total/NA	Water	245.1	396056
680-115592-4	GKMTW110_081215	Total/NA	Water	245.1	396056
680-115592-5	GKMTW50_081215	Total/NA	Water	245.1	396056
680-115592-6	GKMTW51_081215	Total/NA	Water	245.1	396056
680-115592-7	GKMTW52_081215	Total/NA	Water	245.1	396056
680-115592-8	GKMTW53_081215	Total/NA	Water	245.1	396056
680-115592-8 DU	GKMTW53_081215	Total/NA	Water	245.1	396056
680-115592-8 MS	GKMTW53_081215	Total/NA	Water	245.1	396056
680-115592-8 MSD	GKMTW53_081215	Total/NA	Water	245.1	396056
680-115592-9	GKMTW54_081215	Total/NA	Water	245.1	396056
680-115592-9 DU	GKMTW54_081215	Total/NA	Water	245.1	396056
680-115592-9 MS	GKMTW54_081215	Total/NA	Water	245.1	396056
680-115592-9 MSD	GKMTW54_081215	Total/NA	Water	245.1	396056
680-115592-10	GKMTW55_081215	Total/NA	Water	245.1	396060
680-115592-10 DU	GKMTW55_081215	Total/NA	Water	245.1	396060
680-115592-10 MS	GKMTW55_081215	Total/NA	Water	245.1	396060
680-115592-10 MSD	GKMTW55_081215	Total/NA	Water	245.1	396060
680-115592-11	GKMTW111_081515	Total/NA	Water	245.1	396056
680-115592-12	A68_081115	Total/NA	Water	245.1	396060
680-115592-13	A72_081115	Total/NA	Water	245.1	396060
680-115592-14	CC48_081115	Dissolved	Water	245.1	396056
680-115592-14	CC48_081115	Total/NA	Water	245.1	396060
680-115592-15	GKMSW01_081115	Dissolved	Water	245.1	396085
680-115592-15	GKMSW01_081115	Total/NA	Water	245.1	396060
680-115592-16	GKMSW02_081115	Dissolved	Water	245.1	396085
680-115592-16	GKMSW02_081115	Total/NA	Water	245.1	396060
680-115592-17	GKMSW04_081115	Dissolved	Water	245.1	396085
680-115592-17	GKMSW04_081115	Total/NA	Water	245.1	396060
680-115592-18	GKMSW05_081115	Dissolved	Water	245.1	396085
680-115592-18	GKMSW05_081115	Total/NA	Water	245.1	396060
680-115592-19	GKMSW13_081115	Dissolved	Water	245.1	396056
680-115592-19	GKMSW13_081115	Total/NA	Water	245.1	396060
680-115592-20	GKMTW104_081115	Total/NA	Water	245.1	396056
680-115592-21	GKMTW105_081115	Total/NA	Water	245.1	396056
680-115592-22	GKMTW106_081115	Total/NA	Water	245.1	396056
680-115592-23	GKMTW107_081115	Total/NA	Water	245.1	396056
680-115592-24	GKMTW200_081115	Total/NA	Water	245.1	396056
680-115592-25	GKMTW201_081115	Total/NA	Water	245.1	396056
680-115592-26	GKMTW202_081115	Total/NA	Water	245.1	396060
680-115592-27	GKMTW203_081115	Total/NA	Water	245.1	396060
680-115592-28	GKMTW46_081115	Total/NA	Water	245.1	396060
680-115592-29	GKMTW47_081115	Total/NA	Water	245.1	396060
680-115592-30	GKMTW48_081115	Total/NA	Water	245.1	396060
680-115592-31	GKMTW49_081115	Total/NA	Water	245.1	396060
680-115592-32	GKMSW01_081215	Dissolved	Water	245.1	396085
680-115592-32	GKMSW01_081215	Total/NA	Water	245.1	396060
680-115592-33	GKMSW02_081215	Dissolved	Water	245.1	396060
680-115592-33	GKMSW02_081215	Total/NA	Water	245.1	396085
680-115592-34	GKMSW05_081215	Dissolved	Water	245.1	396060

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Analysis Batch: 396099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-34	GKMSW05_081215	Total/NA	Water	245.1	396060
680-115592-35	GKMSW04_081215	Dissolved	Water	245.1	396085
680-115592-35	GKMSW04_081215	Total/NA	Water	245.1	396085
LCS 680-396056/2-A	Lab Control Sample	Total/NA	Water	245.1	396056
LCS 680-396060/2-A	Lab Control Sample	Total/NA	Water	245.1	396060
LCS 680-396085/2-A	Lab Control Sample	Total/NA	Water	245.1	396085
MB 680-396056/1-A	Method Blank	Total/NA	Water	245.1	396056
MB 680-396060/1-A	Method Blank	Total/NA	Water	245.1	396060
MB 680-396085/1-A	Method Blank	Total/NA	Water	245.1	396085

Analysis Batch: 396123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	200.8	396003
680-115592-1 MS	GKMTW103_081215	Total/NA	Water	200.8	396003
680-115592-1 MSD	GKMTW103_081215	Total/NA	Water	200.8	396003
680-115592-2	GKMTW108_081215	Total/NA	Water	200.8	396003
680-115592-2 MS	GKMTW108_081215	Total/NA	Water	200.8	396003
680-115592-2 MSD	GKMTW108_081215	Total/NA	Water	200.8	396003
680-115592-3	GKMTW109_081215	Total/NA	Water	200.8	396003
680-115592-4	GKMTW110_081215	Total/NA	Water	200.8	396003
680-115592-5	GKMTW50_081215	Total/NA	Water	200.8	396003
680-115592-6	GKMTW51_081215	Total/NA	Water	200.8	396003
680-115592-7	GKMTW52_081215	Total/NA	Water	200.8	396003
680-115592-8	GKMTW53_081215	Total/NA	Water	200.8	396003
680-115592-9	GKMTW54_081215	Total/NA	Water	200.8	396003
680-115592-10	GKMTW55_081215	Total/NA	Water	200.8	396003
680-115592-11	GKTMW111_081515	Total/NA	Water	200.8	396003
680-115592-12	A68_081115	Dissolved	Water	200.8	396003
680-115592-12	A68_081115	Total/NA	Water	200.8	396046
680-115592-13	A72_081115	Dissolved	Water	200.8	396003
680-115592-13	A72_081115	Total/NA	Water	200.8	396046
680-115592-14	CC48_081115	Dissolved	Water	200.8	396003
680-115592-14	CC48_081115	Total/NA	Water	200.8	396046
680-115592-15	GKMSW01_081115	Dissolved	Water	200.8	396069
680-115592-15	GKMSW01_081115	Total/NA	Water	200.8	396046
680-115592-15 DU	GKMSW01_081115	Dissolved	Water	200.8	396069
680-115592-15 MS	GKMSW01_081115	Dissolved	Water	200.8	396069
680-115592-15 MSD	GKMSW01_081115	Dissolved	Water	200.8	396069
680-115592-16	GKMSW02_081115	Dissolved	Water	200.8	396069
680-115592-16	GKMSW02_081115	Total/NA	Water	200.8	396046
680-115592-17	GKMSW04_081115	Dissolved	Water	200.8	396069
680-115592-17	GKMSW04_081115	Total/NA	Water	200.8	396046
680-115592-18	GKMSW05_081115	Dissolved	Water	200.8	396069
680-115592-18	GKMSW05_081115	Total/NA	Water	200.8	396046
680-115592-19	GKMSW13_081115	Dissolved	Water	200.8	396003
680-115592-19	GKMSW13_081115	Total/NA	Water	200.8	396046
680-115592-20	GKMTW104_081115	Total/NA	Water	200.8	396003
680-115592-21	GKMTW105_081115	Total/NA	Water	200.8	396003
680-115592-22	GKMTW106_081115	Total/NA	Water	200.8	396003
680-115592-23	GKMTW107_081115	Total/NA	Water	200.8	396003
680-115592-24	GKMTW200_081115	Total/NA	Water	200.8	396003

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Analysis Batch: 396123 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-25	GKMTW201_081115	Total/NA	Water	200.8	396015
680-115592-25 MS	GKMTW201_081115	Total/NA	Water	200.8	396015
680-115592-25 MSD	GKMTW201_081115	Total/NA	Water	200.8	396015
680-115592-26	GKMTW202_081115	Total/NA	Water	200.8	396015
680-115592-26 MS	GKMTW202_081115	Total/NA	Water	200.8	396015
680-115592-26 MSD	GKMTW202_081115	Total/NA	Water	200.8	396015
680-115592-27	GKMTW203_081115	Total/NA	Water	200.8	396015
680-115592-28	GKMTW46_081115	Total/NA	Water	200.8	396015
680-115592-29	GKMTW47_081115	Total/NA	Water	200.8	396015
680-115592-30	GKMTW48_081115	Total/NA	Water	200.8	396015
680-115592-31	GKMTW49_081115	Total/NA	Water	200.8	396015
680-115592-32	GKMSW01_081215	Dissolved	Water	200.8	396046
680-115592-32	GKMSW01_081215	Total/NA	Water	200.8	396015
680-115592-33	GKMSW02_081215	Dissolved	Water	200.8	396015
680-115592-33	GKMSW02_081215	Total/NA	Water	200.8	396046
680-115592-34	GKMSW05_081215	Dissolved	Water	200.8	396015
680-115592-34	GKMSW05_081215	Total/NA	Water	200.8	396015
680-115592-35	GKMSW04_081215	Dissolved	Water	200.8	396046
680-115592-35	GKMSW04_081215	Total/NA	Water	200.8	396046
LCS 680-396003/2-A	Lab Control Sample	Total/NA	Water	200.8	396003
LCS 680-396015/2-A	Lab Control Sample	Total/NA	Water	200.8	396015
LCS 680-396046/2-A	Lab Control Sample	Total/NA	Water	200.8	396046
LCS 680-396069/2-A	Lab Control Sample	Total/NA	Water	200.8	396069
MB 680-396003/1-A	Method Blank	Total/NA	Water	200.8	396003
MB 680-396015/1-A	Method Blank	Total/NA	Water	200.8	396015
MB 680-396046/1-A	Method Blank	Total/NA	Water	200.8	396046
MB 680-396069/1-A	Method Blank	Total/NA	Water	200.8	396069

Analysis Batch: 396139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Dissolved	Water	245.1	396056
680-115592-13	A72_081115	Dissolved	Water	245.1	396056

Analysis Batch: 396143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-1 MS	GKMTW103_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-1 MSD	GKMTW103_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-2	GKMTW108_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-2 MS	GKMTW108_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-2 MSD	GKMTW108_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-3	GKMTW109_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-4	GKMTW110_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-5	GKMTW50_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-6	GKMTW51_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-7	GKMTW52_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-8	GKMTW53_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-9	GKMTW54_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-10	GKMTW55_081215	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-11	GKTMW111_081515	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-12	A68_081115	Dissolved	Water	200.7 Rev 4.4	396011

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Analysis Batch: 396143 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-13	A72_081115	Dissolved	Water	200.7 Rev 4.4	396011
680-115592-13	A72_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-14	CC48_081115	Dissolved	Water	200.7 Rev 4.4	396011
680-115592-14	CC48_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-15	GKMSW01_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-15	GKMSW01_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-15 DU	GKMSW01_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-15 MS	GKMSW01_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-15 MSD	GKMSW01_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-16	GKMSW02_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-16	GKMSW02_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-17	GKMSW04_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-17	GKMSW04_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-18	GKMSW05_081115	Dissolved	Water	200.7 Rev 4.4	396070
680-115592-18	GKMSW05_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-19	GKMSW13_081115	Dissolved	Water	200.7 Rev 4.4	396011
680-115592-19	GKMSW13_081115	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-20	GKMTW104_081115	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-21	GKMTW105_081115	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-22	GKMTW106_081115	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-23	GKMTW107_081115	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-24	GKMTW200_081115	Total/NA	Water	200.7 Rev 4.4	396011
680-115592-25	GKMTW201_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-25 MS	GKMTW201_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-25 MSD	GKMTW201_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-26	GKMTW202_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-26 MS	GKMTW202_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-26 MSD	GKMTW202_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-27	GKMTW203_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-28	GKMTW46_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-29	GKMTW47_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-30	GKMTW48_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-31	GKMTW49_081115	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-32	GKMSW01_081215	Dissolved	Water	200.7 Rev 4.4	396048
680-115592-32	GKMSW01_081215	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-33	GKMSW02_081215	Dissolved	Water	200.7 Rev 4.4	396016
680-115592-33	GKMSW02_081215	Total/NA	Water	200.7 Rev 4.4	396048
680-115592-34	GKMSW05_081215	Dissolved	Water	200.7 Rev 4.4	396016
680-115592-34	GKMSW05_081215	Total/NA	Water	200.7 Rev 4.4	396016
680-115592-35	GKMSW04_081215	Dissolved	Water	200.7 Rev 4.4	396048
680-115592-35	GKMSW04_081215	Total/NA	Water	200.7 Rev 4.4	396048
LCS 680-396011/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	396011
LCS 680-396016/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	396016
LCS 680-396048/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	396048
LCS 680-396070/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	396070
MB 680-396011/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	396011
MB 680-396016/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	396016
MB 680-396048/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	396048
MB 680-396070/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	396070

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Metals (Continued)

Analysis Batch: 396152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-1	GKMTW103_081215	Total/NA	Water	2340B-2011	
680-115592-2	GKMTW108_081215	Total/NA	Water	2340B-2011	
680-115592-3	GKMTW109_081215	Total/NA	Water	2340B-2011	
680-115592-4	GKMTW110_081215	Total/NA	Water	2340B-2011	
680-115592-5	GKMTW50_081215	Total/NA	Water	2340B-2011	
680-115592-6	GKMTW51_081215	Total/NA	Water	2340B-2011	
680-115592-7	GKMTW52_081215	Total/NA	Water	2340B-2011	
680-115592-8	GKMTW53_081215	Total/NA	Water	2340B-2011	
680-115592-9	GKMTW54_081215	Total/NA	Water	2340B-2011	
680-115592-10	GKMTW55_081215	Total/NA	Water	2340B-2011	
680-115592-11	GKTMW111_081515	Total/NA	Water	2340B-2011	
680-115592-12	A68_081115	Total/NA	Water	2340B-2011	
680-115592-13	A72_081115	Total/NA	Water	2340B-2011	
680-115592-14	CC48_081115	Total/NA	Water	2340B-2011	
680-115592-15	GKMSW01_081115	Total/NA	Water	2340B-2011	
680-115592-16	GKMSW02_081115	Total/NA	Water	2340B-2011	
680-115592-17	GKMSW04_081115	Total/NA	Water	2340B-2011	
680-115592-18	GKMSW05_081115	Total/NA	Water	2340B-2011	
680-115592-19	GKMSW13_081115	Total/NA	Water	2340B-2011	
680-115592-20	GKMTW104_081115	Total/NA	Water	2340B-2011	
680-115592-21	GKMTW105_081115	Total/NA	Water	2340B-2011	
680-115592-22	GKMTW106_081115	Total/NA	Water	2340B-2011	
680-115592-23	GKMTW107_081115	Total/NA	Water	2340B-2011	
680-115592-24	GKMTW200_081115	Total/NA	Water	2340B-2011	
680-115592-25	GKMTW201_081115	Total/NA	Water	2340B-2011	
680-115592-26	GKMTW202_081115	Total/NA	Water	2340B-2011	
680-115592-27	GKMTW203_081115	Total/NA	Water	2340B-2011	
680-115592-28	GKMTW46_081115	Total/NA	Water	2340B-2011	
680-115592-29	GKMTW47_081115	Total/NA	Water	2340B-2011	
680-115592-30	GKMTW48_081115	Total/NA	Water	2340B-2011	
680-115592-31	GKMTW49_081115	Total/NA	Water	2340B-2011	
680-115592-32	GKMSW01_081215	Total/NA	Water	2340B-2011	
680-115592-33	GKMSW02_081215	Total/NA	Water	2340B-2011	
680-115592-34	GKMSW05_081215	Total/NA	Water	2340B-2011	
680-115592-35	GKMSW04_081215	Total/NA	Water	2340B-2011	
MB 680-396152/1	Method Blank	Total/NA	Water	2340B-2011	
MB 680-396152/22	Method Blank	Total/NA	Water	2340B-2011	
MB 680-396152/54	Method Blank	Total/NA	Water	2340B-2011	

General Chemistry

Analysis Batch: 396083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-35	GKMSW04_081215	Total/NA	Water	4500 H+ B-2011	
LCS 680-396083/7	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

Analysis Batch: 396084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-12 DU	A68_081115	Total/NA	Water	4500 H+ B-2011	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

General Chemistry (Continued)

Analysis Batch: 396084 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-13	A72_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-14	CC48_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-14 DU	CC48_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-15	GKMSW01_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-16	GKMSW02_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-17	GKMSW04_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-18	GKMSW05_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-19	GKMSW13_081115	Total/NA	Water	4500 H+ B-2011	
680-115592-32	GKMSW01_081215	Total/NA	Water	4500 H+ B-2011	
680-115592-33	GKMSW02_081215	Total/NA	Water	4500 H+ B-2011	
680-115592-34	GKMSW05_081215	Total/NA	Water	4500 H+ B-2011	
LCS 680-396084/3	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

Analysis Batch: 396094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-12	A68_081115	Total/NA	Water	2320B-2011	
680-115592-13	A72_081115	Total/NA	Water	2320B-2011	
680-115592-14	CC48_081115	Total/NA	Water	2320B-2011	
680-115592-15	GKMSW01_081115	Total/NA	Water	2320B-2011	
680-115592-15 DU	GKMSW01_081115	Total/NA	Water	2320B-2011	
680-115592-16	GKMSW02_081115	Total/NA	Water	2320B-2011	
680-115592-17	GKMSW04_081115	Total/NA	Water	2320B-2011	
680-115592-18	GKMSW05_081115	Total/NA	Water	2320B-2011	
680-115592-19	GKMSW13_081115	Total/NA	Water	2320B-2011	
680-115592-32	GKMSW01_081215	Total/NA	Water	2320B-2011	
LCS 680-396094/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-396094/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-396094/5	Method Blank	Total/NA	Water	2320B-2011	

Analysis Batch: 396140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115592-33	GKMSW02_081215	Total/NA	Water	2320B-2011	
680-115592-34	GKMSW05_081215	Total/NA	Water	2320B-2011	
680-115592-35	GKMSW04_081215	Total/NA	Water	2320B-2011	
680-115592-35 DU	GKMSW04_081215	Total/NA	Water	2320B-2011	
LCS 680-396140/3	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-396140/28	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-396140/2	Method Blank	Total/NA	Water	2320B-2011	

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW103_081215

Lab Sample ID: 680-115592-1

Date Collected: 08/12/15 09:40

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 01:35	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 21:27	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 00:43	BCB	TAL SAV

Client Sample ID: GKMTW108_081215

Lab Sample ID: 680-115592-2

Date Collected: 08/12/15 10:10

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 01:47	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 21:47	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 00:52	BCB	TAL SAV

Client Sample ID: GKMTW109_081215

Lab Sample ID: 680-115592-3

Date Collected: 08/12/15 10:45

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 02:14	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 22:07	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW109_081215

Lab Sample ID: 680-115592-3

Date Collected: 08/12/15 10:45

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 00:55	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW110_081215

Lab Sample ID: 680-115592-4

Date Collected: 08/12/15 11:40

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 02:18	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:11	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 00:58	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW50_081215

Lab Sample ID: 680-115592-5

Date Collected: 08/12/15 10:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 02:22	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:15	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:01	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW51_081215

Lab Sample ID: 680-115592-6

Date Collected: 08/12/15 10:30

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW51_081215

Lab Sample ID: 680-115592-6

Date Collected: 08/12/15 10:30

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 02:26	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 22:19	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 01:04	BCB	TAL SAV

Client Sample ID: GKMTW52_081215

Lab Sample ID: 680-115592-7

Date Collected: 08/12/15 11:10

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 02:30	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 22:23	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 01:07	BCB	TAL SAV

Client Sample ID: GKMTW53_081215

Lab Sample ID: 680-115592-8

Date Collected: 08/12/15 12:20

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 02:34	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 22:27	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 00:18	BCB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW54_081215

Lab Sample ID: 680-115592-9

Date Collected: 08/12/15 13:25

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 02:38	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:31	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 00:30	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW55_081215

Lab Sample ID: 680-115592-10

Date Collected: 08/12/15 13:55

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 02:50	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:35	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 02:09	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKTMW111_081515

Lab Sample ID: 680-115592-11

Date Collected: 08/12/15 12:15

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 02:54	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:39	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKTMW111_081515

Lab Sample ID: 680-115592-11

Date Collected: 08/12/15 12:15

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:11	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: A68_081115

Lab Sample ID: 680-115592-12

Date Collected: 08/11/15 17:10

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/13/15 22:51	AJO	TAL SAV
Instrument ID: CICH										
Total/NA	Analysis	300.0		4	5 mL	5 mL	396121	08/14/15 03:13	AJO	TAL SAV
Instrument ID: CICH										
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 19:54	DAS	TAL SAV
Instrument ID: CICL										
Dissolved	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 02:58	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:53	BCB	TAL SAV
Instrument ID: ICPE										
Dissolved	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:51	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 01:33	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
Instrument ID: ICPE										
Dissolved	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396139	08/14/15 09:25	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:11	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 22:03	DAM	TAL SAV
Instrument ID: MANTECH										
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 19:24	LBH	TAL SAV
Instrument ID: MANTECH										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: A72_081115

Lab Sample ID: 680-115592-13

Date Collected: 08/11/15 17:35

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/13/15 23:53	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	396121	08/14/15 04:15	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 18:22	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:01	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:57	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 22:55	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 01:37	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396139	08/14/15 09:28	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:21	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 22:10	DAM	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 19:19	LBH	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: CC48_081115

Lab Sample ID: 680-115592-14

Date Collected: 08/11/15 16:55

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 00:08	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		25	5 mL	5 mL	396118	08/14/15 10:11	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 18:06	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: CC48_081115

Lab Sample ID: 680-115592-14

Date Collected: 08/11/15 16:55

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 03:05	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 04:01	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 22:59	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 01:41	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:37	BCB	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Dissolved	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 01:20	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 03:24	BCB	TAL SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH		1			396094	08/13/15 22:14	DAM	TAL SAV
Total/NA	Analysis	4500 H+ B-2011 Instrument ID: MANTECH		1			396084	08/13/15 19:08	LBH	TAL SAV

Client Sample ID: GKMSW01_081115

Lab Sample ID: 680-115592-15

Date Collected: 08/11/15 16:46

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0 Instrument ID: CICH		1	5 mL	5 mL	396121	08/14/15 00:24	AJO	TAL SAV
Total/NA	Analysis	300.0 Instrument ID: CICH		4	5 mL	5 mL	396121	08/14/15 05:16	AJO	TAL SAV
Total/NA	Analysis	300.0 Instrument ID: CICL		1	5 mL	5 mL	396071	08/13/15 17:51	DAS	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396070	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 08:43	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 04:04	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396069	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 06:46	BWR	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW01_081115

Lab Sample ID: 680-115592-15

Date Collected: 08/11/15 16:46

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 01:45	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:00	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:27	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 22:38	DAM	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 19:05	LBH	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW02_081115

Lab Sample ID: 680-115592-16

Date Collected: 08/11/15 14:32

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 00:39	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	396121	08/14/15 05:32	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 16:49	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396070	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 09:05	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 04:08	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	396069	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 07:11	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 01:49	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:03	BCB	TAL SAV
		Instrument ID: LEEMAN2								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW02_081115

Lab Sample ID: 680-115592-16

Date Collected: 08/11/15 14:32

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:30	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 22:21	DAM	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 19:01	LBH	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW04_081115

Lab Sample ID: 680-115592-17

Date Collected: 08/11/15 15:25

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 00:54	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	396121	08/14/15 05:47	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 17:05	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396070	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 09:15	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 04:12	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	396069	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 07:23	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 01:53	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:13	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:33	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 22:29	DAM	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 18:57	LBH	TAL SAV
		Instrument ID: MANTECH								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW05_081115

Lab Sample ID: 680-115592-18

Date Collected: 08/11/15 16:07

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 01:10	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	396121	08/14/15 06:02	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 17:20	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396070	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 09:19	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 04:24	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	396069	08/13/15 18:32	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 07:30	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 01:57	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:16	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:36	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 22:57	DAM	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 18:53	LBH	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW13_081115

Lab Sample ID: 680-115592-19

Date Collected: 08/11/15 16:20

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 01:56	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	396118	08/14/15 10:26	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		2	5 mL	5 mL	396071	08/13/15 17:35	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW13_081115

Lab Sample ID: 680-115592-19

Date Collected: 08/11/15 16:20

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 03:09	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 04:28	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 23:03	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 02:09	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:37	BCB	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Dissolved	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 01:29	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 03:39	BCB	TAL SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH		1			396094	08/13/15 23:01	DAM	TAL SAV
Total/NA	Analysis	4500 H+ B-2011 Instrument ID: MANTECH		1			396084	08/13/15 18:49	LBH	TAL SAV

Client Sample ID: GKMTW104_081115

Lab Sample ID: 680-115592-20

Date Collected: 08/11/15 15:40

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 03:13	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/13/15 23:07	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 01:32	BCB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW105_081115

Lab Sample ID: 680-115592-21

Date Collected: 08/11/15 16:10

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:17	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 23:11	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:35	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW106_081115

Lab Sample ID: 680-115592-22

Date Collected: 08/11/15 16:25

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:21	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 23:15	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:38	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW107_081115

Lab Sample ID: 680-115592-23

Date Collected: 08/11/15 17:20

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:25	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 23:19	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW107_081115

Lab Sample ID: 680-115592-23

Date Collected: 08/11/15 17:20

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:41	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW200_081115

Lab Sample ID: 680-115592-24

Date Collected: 08/11/15 15:07

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396011	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 03:37	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	396003	08/13/15 14:48	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 23:23	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:45	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW201_081115

Lab Sample ID: 680-115592-25

Date Collected: 08/11/15 15:44

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/13/15 21:28	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/13/15 23:48	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	245.1			50 mL	50 mL	396056	08/13/15 17:24	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 01:48	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW202_081115

Lab Sample ID: 680-115592-26

Date Collected: 08/11/15 16:15

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW202_081115

Lab Sample ID: 680-115592-26

Date Collected: 08/11/15 16:15

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/13/15 21:39	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 00:08	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 02:56	BCB	TAL SAV

Client Sample ID: GKMTW203_081115

Lab Sample ID: 680-115592-27

Date Collected: 08/11/15 16:58

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/13/15 22:15	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 00:28	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 03:05	BCB	TAL SAV

Client Sample ID: GKMTW46_081115

Lab Sample ID: 680-115592-28

Date Collected: 08/11/15 14:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/13/15 22:19	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 00:32	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 02:50	BCB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW47_081115

Lab Sample ID: 680-115592-29

Date Collected: 08/11/15 16:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/13/15 22:23	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 00:36	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:02	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW48_081115

Lab Sample ID: 680-115592-30

Date Collected: 08/11/15 22:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/13/15 22:27	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 00:40	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 03:08	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW49_081115

Lab Sample ID: 680-115592-31

Date Collected: 08/11/15 02:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/13/15 22:31	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 00:45	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMTW49_081115

Lab Sample ID: 680-115592-31

Date Collected: 08/11/15 02:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 02:59	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMSW01_081215

Lab Sample ID: 680-115592-32

Date Collected: 08/12/15 12:25

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 02:11	AJO	TAL SAV
Instrument ID: CICH										
Total/NA	Analysis	300.0		4	5 mL	5 mL	396121	08/14/15 06:18	AJO	TAL SAV
Instrument ID: CICH										
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 20:09	DAS	TAL SAV
Instrument ID: CICL										
Dissolved	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 04:32	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/13/15 22:35	BCB	TAL SAV
Instrument ID: ICPE										
Dissolved	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 02:13	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 00:49	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:18	BCB	TAL SAV
Instrument ID: ICPE										
Dissolved	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:19	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 02:53	BCB	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Analysis	2320B-2011		1			396094	08/13/15 23:09	DAM	TAL SAV
Instrument ID: MANTECH										
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 18:46	LBH	TAL SAV
Instrument ID: MANTECH										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW02_081215

Lab Sample ID: 680-115592-33

Date Collected: 08/12/15 10:50

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 02:27	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	396020	08/13/15 21:19	AJO	TAL SAV
		Instrument ID: CICK								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 20:25	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/13/15 22:39	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	396143	08/14/15 04:36	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 00:53	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 02:17	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 02:46	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:22	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396140	08/14/15 02:23	LBH	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396084	08/13/15 18:42	LBH	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GKMSW05_081215

Lab Sample ID: 680-115592-34

Date Collected: 08/12/15 12:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	396121	08/14/15 02:42	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		4	5 mL	5 mL	396020	08/13/15 19:01	AJO	TAL SAV
		Instrument ID: CICK								
Total/NA	Analysis	300.0		1	5 mL	5 mL	396071	08/13/15 20:40	DAS	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW05_081215

Lab Sample ID: 680-115592-34

Date Collected: 08/12/15 12:00

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/13/15 22:43	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396016	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/13/15 22:54	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 00:57	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396015	08/13/15 15:25	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 01:01	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			396152	08/14/15 10:18	BCB	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Dissolved	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 02:43	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	396060	08/13/15 18:05	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	396099	08/14/15 02:34	BCB	TAL SAV
Total/NA	Analysis	2320B-2011 Instrument ID: MANTECH		1			396140	08/14/15 02:30	LBH	TAL SAV
Total/NA	Analysis	4500 H+ B-2011 Instrument ID: MANTECH		1			396084	08/13/15 18:38	LBH	TAL SAV

Client Sample ID: GKMSW04_081215

Lab Sample ID: 680-115592-35

Date Collected: 08/12/15 11:30

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0 Instrument ID: CICH		1	5 mL	5 mL	396121	08/14/15 02:58	AJO	TAL SAV
Total/NA	Analysis	300.0 Instrument ID: CICK		4	5 mL	5 mL	396020	08/13/15 19:16	AJO	TAL SAV
Total/NA	Analysis	300.0 Instrument ID: CICL		1	5 mL	5 mL	396071	08/13/15 20:56	DAS	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 04:44	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	396048	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	396143	08/14/15 04:40	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	396123	08/14/15 02:25	BWR	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Client Sample ID: GKMSW04_081215

Lab Sample ID: 680-115592-35

Date Collected: 08/12/15 11:30

Matrix: Water

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	396046	08/13/15 16:45	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	396123	08/14/15 02:21	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			396152	08/14/15 10:37	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:28	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	396085	08/13/15 19:58	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	396099	08/14/15 05:25	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			396140	08/14/15 01:56	LBH	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			396083	08/13/15 18:18	LBH	TAL SAV
		Instrument ID: MANTECH								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

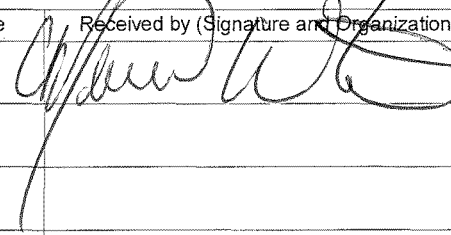
Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW01_081215	GKM01	Total Recoverable Metals & Mercury, hardness	Surface Water	8/12/2015	12:25	1	250 mL poly	HNO3 pH<2	
	GKMSW01_081215	GKM01	Total Dissolved Metals & Mercury	Surface Water	8/12/2015	12:25	1	250 mL poly	HNO3 pH<2	
	GKMSW01_081215	GKM01	pH, Alkalinity, anions	Surface Water	8/12/2015	12:25	1	250 mL poly	4 C	
	GKMSW02_081215	GKM02	Total Recoverable Metals & Mercury, hardness	Surface Water	8/12/2015	10:50	1	250 mL poly	HNO3 pH<2	
	GKMSW02_081215	GKM02	Total Dissolved Metals & Mercury	Surface Water	8/12/2015	10:50	1	250 mL poly	HNO3 pH<2	
	GKMSW02_081215	GKM02	pH, Alkalinity, anions	Surface Water	8/12/2015	10:50	1	250 mL poly	4 C	
	GKMSW04_081215	GKM04	Total Recoverable Metals & Mercury, hardness	Surface Water	8/12/2015	11:30	1	250 mL poly	HNO3 pH<2	
	GKMSW04_081215	GKM04	Total Dissolved Metals & Mercury	Surface Water	8/12/2015	11:30	1	250 mL poly	HNO3 pH<2	
	GKMSW04_081215	GKM04	pH, Alkalinity, anions	Surface Water	8/12/2015	11:30	1	250 mL poly	4 C	
	GKMSW05_081215	GKM05	Total Recoverable Metals & Mercury, hardness	Surface Water	8/12/2015	12:00	1	250 mL poly	HNO3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

680-115592

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				8/13/15 0923	TASAV

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

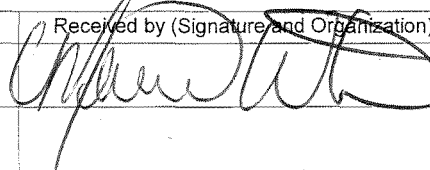
Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW05_081215	GKM05	Total Dissolved Metals & Mercury	Surface Water	8/12/2015	12:00	1	250 mL poly	HNO3 pH<2	
	GKMSW05_081215	GKM05	pH, Alkalinity, anions	Surface Water	8/12/2015	12:00	1	250 mL poly	4 C	
	A68_081115	A68	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	17:10	1	250 mL poly	HNO3 pH<2	
	A68_081115	A68	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	17:10	1	250 mL poly	HNO3 pH<2	
	A68_081115	A68	pH, Alkalinity, anions	Surface Water	8/11/2015	17:10	1	250 mL poly	4 C	
	A72_081115	A72	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	17:35	1	250 mL poly	HNO3 pH<2	
	A72_081115	A72	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	17:35	1	250 mL poly	HNO3 pH<2	
	A72_081115	A72	pH, Alkalinity, anions	Surface Water	8/11/2015	17:35	1	250 mL poly	4 C	
	CC48_081115	CC48	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:55	1	250 mL poly	HNO3 pH<2	
	CC48_081115	CC48	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:55	1	250 mL poly	HNO3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

680-115592

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				8/13/15 @ 0923	TA SAV

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

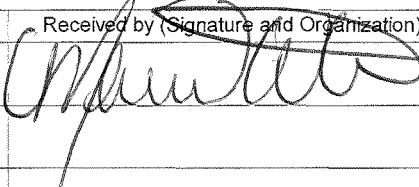
Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	CC48_081115	CC48	pH, Alkalinity, anions	Surface Water	8/11/2015	16:55	1	250 mL poly	4 C	
	GKMSW01_081115	GKM01	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:46	1	250 mL poly	HNO3 pH<2	
	GKMSW01_081115	GKM01	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:46	1	250 mL poly	HNO3 pH<2	
	GKMSW01_081115	GKM01	pH, Alkalinity, anions	Surface Water	8/11/2015	16:46	1	250 mL poly	4 C	
	GKMSW02_081115	GKM02	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	14:32	1	250 mL poly	HNO3 pH<2	
	GKMSW02_081115	GKM02	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	14:32	1	250 mL poly	HNO3 pH<2	
	GKMSW02_081115	GKM02	pH, Alkalinity, anions	Surface Water	8/11/2015	14:32	1	250 mL poly	4 C	
	GKMSW04_081115	GKM04	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	15:25	1	250 mL poly	HNO3 pH<2	
	GKMSW04_081115	GKM04	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	15:25	1	250 mL poly	HNO3 pH<2	
	GKMSW04_081115	GKM04	pH, Alkalinity, anions	Surface Water	8/11/2015	15:25	1	250 mL poly	4 C	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

680-115592

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				8/13/15 @ TA SAV 0923	

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

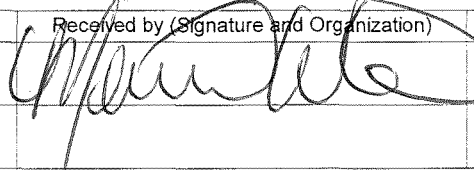
Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW05_081115	GKM05	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:07	1	250 mL poly	HNO3 pH<2	
	GKMSW05_081115	GKM05	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:07	1	250 mL poly	HNO3 pH<2	
	GKMSW05_081115	GKM05	pH, Alkalinity, anions	Surface Water	8/11/2015	16:07	1	250 mL poly	4 C	
	GKMSW13_081115	GKM13	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:20	1	250 mL poly	HNO3 pH<2	
	GKMSW13_081115	GKM13	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:20	1	250 mL poly	HNO3 pH<2	
	GKMSW13_081115	GKM13	pH, Alkalinity, anions	Surface Water	8/11/2015	16:20	1	250 mL poly	4 C	
	GKMTW103_081215	GKMTW103	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	09:40	1	250 mL poly	HNO3 pH<2	
	GKMTW104_081115	GKMTW104	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	15:40	1	250 mL poly	HNO3 pH<2	
	GKMTW105_081115	GKMTW105	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:10	1	250 mL poly	HNO3 pH<2	
	GKMTW106_081115	GKMTW106	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:25	1	250 mL poly	HNO3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

680-115592

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				8/13/15 @ 0923	TA SAV

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

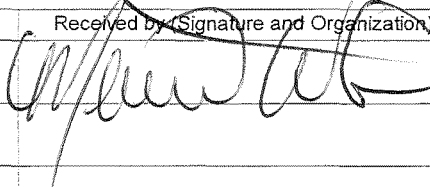
Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMTW107_081115	GKMTW107	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	17:20	1	250 mL poly	HNO3 pH<2	
	GKMTW108_081215	GKMTW108	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:10	1	250 mL poly	HNO3 pH<2	
	GKMTW109_081215	GKMTW109	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:45	1	250 mL poly	HNO3 pH<2	
	GKMTW110_081215	GKMTW110	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	11:40	1	250 mL poly	HNO3 pH<2	
	GKMTW200_081115	GKMTW200	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	15:07	1	250 mL poly	HNO3 pH<2	
	GKMTW201_081115	GKMTW201	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	15:44	1	250 mL poly	HNO3 pH<2	
	GKMTW202_081115	GKMTW202	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:15	1	250 mL poly	HNO3 pH<2	
	GKMTW203_081115	GKMTW203	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:58	1	250 mL poly	HNO3 pH<2	
	GKMTW46_081115	GKMTW46	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	14:00	1	250 mL poly	HNO3 pH<2	
	GKMTW47_081115	GKMTW47	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:00	1	250 mL poly	HNO3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

680-115592

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				8/13/15 0923	TA SAV

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

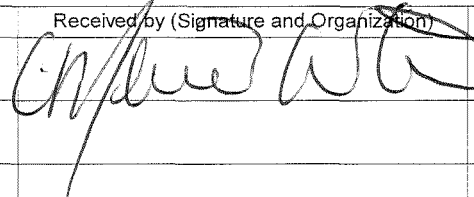
Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMTW48_081115	GKMTW48	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	22:00	1	250 mL poly	HNO3 pH<2	
	GKMTW49_081115	GKMTW49	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	02:00	1	250 mL poly	HNO3 pH<2	
	GKMTW50_081215	GKMTW50	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:00	1	250 mL poly	HNO3 pH<2	
	GKMTW51_081215	GKMTW51	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:30	1	250 mL poly	HNO3 pH<2	
	GKMTW52_081215	GKMTW52	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	11:10	1	250 mL poly	HNO3 pH<2	
	GKMTW53_081215	GKMTW53	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	12:20	1	250 mL poly	HNO3 pH<2	
	GKMTW54_081215	GKMTW54	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	13:25	1	250 mL poly	HNO3 pH<2	
	GKMTW55_081215	GKMTW55	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	13:55	1	250 mL poly	HNO3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

680-115592

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				8/13/15 0923	TA JAV

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMTW103_081215	GKMTW103	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	09:40	1	250 mL poly	HNC3 pH<2	
	GKMTW108_081215	GKMTW108	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:10	1	250 mL poly	HNC3 pH<2	
	GKMTW109_081215	GKMTW109	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:45 ^{RL}	1	250 mL poly	HNC3 pH<2	
	GKMTW110_081215	GKMTW110	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	11:40	1	250 mL poly	HNC3 pH<2	
	GKMTW50_081215	GKMTW50	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:00	1	250 mL poly	HNC3 pH<2	
	GKMTW51_081215	GKMTW51	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	10:30	1	250 mL poly	HNC3 pH<2	
	GKMTW52_081215	GKMTW52	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	11:10	1	250 mL poly	HNC3 pH<2	
	GKMTW53_081215	GKMTW53	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	12:20	1	250 mL poly	HNC3 pH<2	
	GKMTW54_081215	GKMTW54	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	13:25	1	250 mL poly	HNC3 pH<2	
	GKMTW55_081215	GKMTW55	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	13:55	1	250 mL poly	HNC3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	B. W. Weston	8/12 1600	(Signature) W. W.	8/13/15	S. C. / S. 8 680-115592 9:23



680-115592 Chain of Custody

USEPA

Date Shipped: 8/12/2015

Carrier Name: FedEx

Airbill No:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKTMW111_081215	GKMTW111	Total Recoverable Metals & Mercury, hardness	Potable Water	8/12/2015	12:15	1	250 mL poly	HNC3 pH<2	
	A68_081115	A68	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	17:10	1	250 mL poly	HNC3 pH<2	
	A68_081115	A68	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	17:10	1	250 mL poly	HNC3 pH<2	
	A68_081115	A68	pH, Alkalinity, anions	Surface Water	8/11/2015	17:10	1	250 mL poly	4 C	
	A72_081115	A72	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	17:35	1	250 mL poly	HNC3 pH<2	
	A72_081115	A72	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	17:35	1	250 mL poly	HNC3 pH<2	
	A72_081115	A72	pH, Alkalinity, anions	Surface Water	8/11/2015	17:35	1	250 mL poly	4 C	
	CC48_081115	CC48	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:55	1	250 mL poly	HNC3 pH<2	
	CC48_081115	CC48	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:55	1	250 mL poly	HNC3 pH<2	
	CC48_081115	CC48	pH, Alkalinity, anions	Surface Water	8/11/2015	16:55	1	250 mL poly	4 C	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>B. W. Weston</i>	8/12 1600	<i>(Signature)</i>	8/13/15	TA 9:23 680-115592

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW01_081115	GKM01	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:46	1	250 mL poly	HNC3 pH<2	
	GKMSW01_081115	GKM01	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:46	1	250 mL poly	HNC3 pH<2	
	GKMSW01_081115	GKM01	pH, Alkalinity, anions	Surface Water	8/11/2015	16:46	1	250 mL poly	4 C	
	GKMSW02_081115	GKM02	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	14:32	1	250 mL poly	HNC3 pH<2	
	GKMSW02_081115	GKM02	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	14:32	1	250 mL poly	HNC3 pH<2	
	GKMSW02_081115	GKM02	pH, Alkalinity, anions	Surface Water	8/11/2015	14:32	1	250 mL poly	4 C	
	GKMSW04_081115	GKM04	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	15:25	1	250 mL poly	HNC3 pH<2	
	GKMSW04_081115	GKM04	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	15:25	1	250 mL poly	HNC3 pH<2	
	GKMSW04_081115	GKM04	pH, Alkalinity, anions	Surface Water	8/11/2015	15:25	1	250 mL poly	4 C	
	GKMSW05_081115	GKM05	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:07	1	250 mL poly	HNC3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	B. L. Weston	8/12/1600	[Signature]	8/15/15	TA 9:23 5.4/5.8 680-115592

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW05_081115	GKM05	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:07	1	250 mL poly	HNC3 pH<2	
	GKMSW05_081115	GKM05	pH, Alkalinity, anions	Surface Water	8/11/2015	16:07	1	250 mL poly	4 C	
	GKMSW13_081115	GKM13	Total Recoverable Metals & Mercury, hardness	Surface Water	8/11/2015	16:20	1	250 mL poly	HNC3 pH<2	
	GKMSW13_081115	GKM13	Total Dissolved Metals & Mercury	Surface Water	8/11/2015	16:20	1	250 mL poly	HNC3 pH<2	
	GKMSW13_081115	GKM13	pH, Alkalinity, anions	Surface Water	8/11/2015	16:20	1	250 mL poly	4 C	
	GKMTW104_081115	GKMTW104	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	15:40	1	250 mL poly	HNC3 pH<2	
	GKMTW105_081115	GKMTW105	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:10	1	250 mL poly	HNC3 pH<2	
	GKMTW106_081115	GKMTW106	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:25	1	250 mL poly	HNC3 pH<2	
	GKMTW107_081115	GKMTW107	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	17:20	1	250 mL poly	HNC3 pH<2	
	GKMTW200_081115	GKMTW200	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	15:07	1	250 mL poly	HNC3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>B. W. Weston</i>	8/12 16:00	<i>W. A. Weston</i>	8/13/15	TA 9:23 4.4/4.8 680-115592

USEPA

DateShipped: 8/12/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name: Moira Pryhoda

Contact Phone: 303.719.6112

No: 8-081215-135241-0003

Cooler #:

Lab: TestAmerica Laboratories, Inc - Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analytes	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMTW201_081115	GKMTW201	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	15:44	1	250 mL poly	HNC3 pH<2	
	GKMTW202_081115	GKMTW202	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:15	1	250 mL poly	HNC3 pH<2	
	GKMTW203_081115	GKMTW203	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:58	1	250 mL poly	HNC3 pH<2	
	GKMTW46_081115	GKMTW46	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	14:00	1	250 mL poly	HNC3 pH<2	
	GKMTW47_081115	GKMTW47	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	16:00	1	250 mL poly	HNC3 pH<2	
	GKMTW48_081115	GKMTW48	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	22:00	1	250 mL poly	HNC3 pH<2	
	GKMTW49_081115	GKMTW49	Total Recoverable Metals & Mercury, hardness	Potable Water	8/11/2015	02:00	1	250 mL poly	HNC3 pH<2	

Special Instructions: Dissolved samples field filtered prior to preservation, Scribe compatible EDD

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>By Weston</i>	8/12/15	<i>[Signature]</i>	8/13/15	TA 4.4/4.8 680-115592 9:23

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-115592-1

Login Number: 115592

List Source: TestAmerica Savannah

List Number: 1

Creator: Daughtry, Beth A

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Samples 32 thru 35 received not on COC - client revised COCs to include
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115592-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15
New Mexico	State Program	6	N/A	06-30-16

TestAmerica Savannah